

# Product Datasheet

## SW-13 Whole Cell Lysate L005V1

Unit Size: 0.2 mg

Store at -80C. Avoid freeze-thaw cycles.

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**L005V1****SW-13 Whole Cell Lysate**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.2 mg                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>               | 3 mg/ml                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>                     | Store at -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                          |
| <b>Buffer</b>                      | In ready-to-use Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% Glycerol, 300 mM 2-mercaptoethanol, and 0.01% Bromophenol blue). Lysis Buffer (50 mM Tris-HCl (pH 7.4), 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF).                                                                                                                           |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>                 | Quality control test: 12.5% SDS-PAGE Stained with Coomassie Blue. Whole cell lysate (denatured)                                                                                                                                                                                                                                                                                   |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Preparation Method</b>          | Cell lysate was prepared by homogenization in ice-cold modified RIPA Lysis Buffer with cocktail of protease inhibitors. Cell debris was removed by centrifugation. Protein concentration was determined with Bradford assay. The lysate was mixed in 5X Sample Buffer to become final Sample Buffer as Storage Buffer. The lysate was heated at 95C for 5 min and cooled rapidly. |
| <b>Notes</b>                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                |
| <b>Lysate Type</b>                 | Cell                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Lysate Tissue</b>               | Endocrine                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Lysate Protein State</b>        | Denatured                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Lysate Subcellular Fraction</b> | Whole                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>                | Western Blot                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Recommended Dilutions</b>       | Western Blot                                                                                                                                                                                                                                                                                                                                                                      |



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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