

# Product Datasheet

## Recombinant Human TRAP1 Protein NBP1-99222-10ug

Unit Size: 10 ug

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

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**NBP1-99222-10ug**

## Recombinant Human TRAP1 Protein

| Product Information     |                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------|
| Unit Size               | 10 ug                                                                                                |
| Concentration           | 13.5 mg/ml                                                                                           |
| Storage                 | Store at -80C. Avoid freeze-thaw cycles.                                                             |
| Purity                  | >95%, by SDS-PAGE                                                                                    |
| Buffer                  | 50 mM potassium phosphate pH 7.4, 50 mM sodium chloride, 0.5 mM DTT, 0.5 mM EDTA, and 2.5% glycerol. |
| Target Molecular Weight | 76.5 kDa                                                                                             |

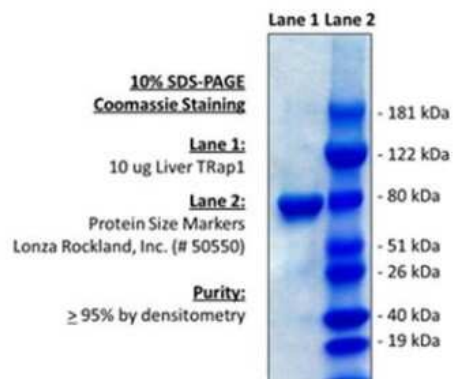
| Product Description |                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Recombinant protein containing 702 amino acids for Human TRAP1<br><br><b>Source:</b> <i>E. coli.</i><br><b>Amino Acid Sequence:</b> (Q12931) |
| Gene ID             | 10131                                                                                                                                        |
| Gene Symbol         | TRAP1                                                                                                                                        |
| Species             | Human                                                                                                                                        |

| Product Application Details |                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | SDS-Page, Bioactivity                                                                                                                                                                                                                                                                                                           |
| Recommended Dilutions       | SDS-Page, Bioactivity                                                                                                                                                                                                                                                                                                           |
| Application Notes           | Specific activity: Kd = 1.95 nM. Assay conditions: 20 mM HEPES, pH 7.5, 50 mM KCl, 5 mM MgCl <sub>2</sub> , 20 mM sodium molybdate, 2 mM DTT, 0.01% NP40, 100 ug/ml BSA, 50 nM TRAP1, geldanamycin-FITC (titration range 0.016-16 nM) incubated at 4oC for 24 hrs. Fluorescence polarization measured at RT (Ex/Em= 485/520 nm) |

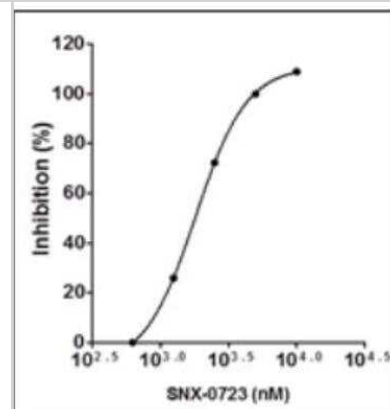


## Images

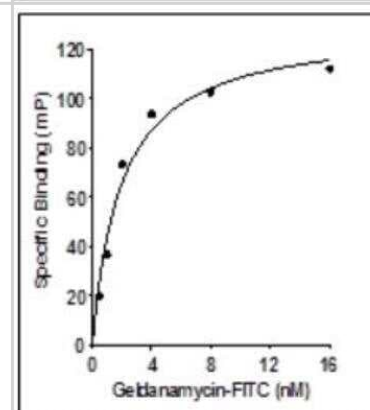
SDS-Page: Recombinant Human TRAP1 Protein [NBP1-99222]



Bioactivity: Recombinant Human TRAP1 Protein [NBP1-99222] - SNX-0723 IC<sub>50</sub> of 1.76  $\mu$ M, SNX-0723 titration range (0.019-10  $\mu$ M).



Recombinant Human TRAP1 Protein [NBP1-99222] - Geldanamycin IC<sub>50</sub> of 1 nM.





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