

# Product Datasheet

## U-2 OS Nuclear Cell Lysate

### L022V4

Unit Size: 0.05 mg

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

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**L022V4****U-2 OS Nuclear Cell Lysate**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	2 mg/ml
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Buffer</b>	20mM HEPES pH 7.9, 20%(v/v) glycerol, 50mM KCl, 0.2 mM EDTA, 0.5 mM DTT & 0.5 mM PMSF.

<b>Product Description</b>	
<b>Description</b>	Quality control test: 12.5% SDS-PAGE Stained with Coomassie Blue. Nuclear extract cell lysate (non-denatured)
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	U-2 OS (human osteogenic sarcoma) nuclear extract lysate (non-denatured)
<b>Preparation Method</b>	Nuclear extract was prepared by using a modified protocol of Dignam et al. Cells were Harvested and homogenized in Buffer A, and then centrifugated at 25,000 g for 20 minutes to remove cytoplasm and pellet the nuclei. The pellet was re-suspended in Buffer C, and then the suspensions were centrifuged to collect nuclear extract. The supernatant was dialyzed against Buffer D. The dialysate was then centrifuged, divided into aliquots, and stored at -80C. The protein concentration was determined by the method of Bradford. The lysate was adjusted to 2 mg/ml.
<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>	Bone/Cartilage
<b>Lysate Tissue Condition</b>	Osteogenic Sarcoma
<b>Lysate Protein State</b>	Native
<b>Lysate Subcellular Fraction</b>	Nuclear

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot, Immunoprecipitation
<b>Application Notes</b>	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.





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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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