Recombinant Human NUBP2 293 Cell Lysate

Cat. No. NUBP2-3661HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for nucleotide binding protein 2 (MinD homolog, E. coli) (NUBP2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	NUBP2 nucleotide binding protein 2 [Homo sapiens]
Official Symbol	NUBP2
Synonyms	NUBP2; nucleotide binding protein 2; nucleotide binding protein 2 (E.coli MinD like) , nucleotide binding protein 2 (MinD homolog, E. coli); cytosolic Fe-S cluster assembly factor NUBP2; CFD1; NBP 2; nucleotide-binding protein 2; nucleotide binding protein 2 (E.coli MinD like); homolog of yeast cytosolic Fe-S cluster deficient 1; nucleotide binding protein 2 (MinD homolog, E. coli); C447E6.1 (nucleotide binding protein 1 (E.coli MinD like)); NUBP1;
Gene ID	10101
mRNA Refseq	NM_012225
Protein Refseq	NP_036357
MIM	610779
UniProt ID	Q9Y5Y2
Chromosome Location	16p13.3
Function	4 iron, 4 sulfur cluster binding; ATP binding; metal ion binding; nucleotide binding;

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