

## Active Recombinant Human NBL1 protein, His-tagged

Cat. No. NBL1-682H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human NBL1 protein(NP_005371.1) (Met 1-Asp 180) was expressed in HEK293 with a C-terminal polyhistidine tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-180 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its ability to inhibit BMP4 induced activity in MC3T3-E1 Mouse osteoblastic cells. The ED50 for this effect is typically 5-20 µg/ml in the presence of 50 ng/mL of recombinant human BMP4.
<b>Molecular Mass</b>	The recombinant human DAN consists of 176 amino acids and has a calculated molecular mass of 19.3 kDa. As a result of glycosylation, rh DAN migrates as an approximately 27 kDa protein in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 98 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

NBL1 neuroblastoma, suppression of tumorigenicity 1 [ Homo sapiens ]

**Official Symbol**

NBL1

**Synonyms**

NBL1; neuroblastoma, suppression of tumorigenicity 1; neuroblastoma suppressor of tumorigenicity 1; D1S1733E; DAN; DAND1; differential screening selected gene aberrant in neuroblastoma; NB; neuroblastoma candidate region; suppression of tumorigenicity 1; NO3; DAN domain family member 1; differential screening-selected gene aberrant in neuroblastoma; neuroblastoma candidate region, suppression of tumorigenicity 1; MGC8972;

**Gene ID**

4681

**mRNA Refseq**

NM\_001204084

**Protein Refseq**

NP\_001191013

**MIM**

600613

**UniProt ID**

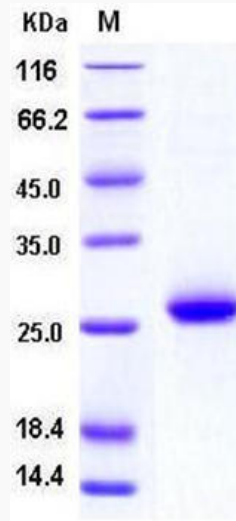
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**SDS-PAGE**



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