

Active Recombinant Human NBL1, His tagged, Biotinylated

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human NBL1 precursor (NP_005371.1) (Met 1-Asp 180), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	Met 1-Asp 180
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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 25 ng/mL of recombinant human BMP4.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-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.
Conjugation	Biotin
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	P41271

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