

Active Recombinant Human NBL1 protein, hFc-tagged

Cat. No. NBL1-681H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NBL1 protein(NP_005371.1) (Met 1-Asp 180) was expressed in HEK293 with C-terminal fused Fc region of human IgG1.
Species	Human
Source	HEK293
ProteinLength	1-180 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to inhibit BMP4 induced activity in MC3T3-E1 Mouse osteoblastic cells. The ED50 for this effect is typically 0.2-1.2 µg/ml in the presence of 50 ng/mL of recombinant human BMP4.
Molecular Mass	The recombinant human DAN/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 403 amino acids and has a calculated molecular mass of 44.4 kDa. As a result of glycosylation, rh DAN/Fc monomer migrates as an approximately 55-60 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities 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.

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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