

Active Recombinant Mouse NBL1 protein(Met1-Asp178), His-tagged

Cat. No. NBL1-942M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NBL1 (Q61477) (Met 1-Asp 178) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asp178
Form	Lyophilized from sterile PBS, pH 7.4. 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 alkaline phosphatase production by MC3T3E1 mouse preosteoblast cells. The ED50 for this effect is 3-9 µg/mL.
Molecular Mass	The secreted recombinant mouse NBL1 comprises 173 amino acids and has a calculated molecular mass of 18.8 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 28 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

 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

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.

GENE INFORMATION

Gene Name Nbl1 neuroblastoma, suppression of tumorigenicity 1 [Mus musculus]

Official Symbol NBL1

Synonyms NBL1; neuroblastoma, suppression of tumorigenicity 1; neuroblastoma suppressor of tumorigenicity 1; N03; zinc finger protein DAN; DAN; NO3; Dana; D4H1S1733E; MGC123430;

Gene ID 17965

mRNA Refseq NM_008675

Protein Refseq NP_032701

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