

Recombinant Human NBL1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. NBL1-150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

NBL1 MS Standard C13 and N15-labeled recombinant protein (NP_005371) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene product is the founding member of the evolutionarily conserved CAN (Cerberus and DAN) family of proteins, which contain a domain resembling the CTCK (C-terminal cystine knot-like) motif found in a number of signaling molecules. These proteins are secreted, and act as BMP (bone morphogenetic protein) antagonists by binding to BMPs and preventing them from interacting with their receptors. They may thus play an important role during growth and development. Alternatively spliced transcript variants have been identified for this gene. Read-through transcripts between this locus and the upstream mitochondrial inner membrane organizing system 1 gene (GenelD 440574) have been observed.

Molecular Mass

19.3 kDa

AA Sequence

MLRVLVGAVLPAMLLAAPPPINKLALFPDKSAWCEAKNITQIVGHSGCEAKSIQNRAC
 LGQCFSYSVPNTFFPQSTESLVHCDSCMPAQSMWEIVTLECPGHHEEVPVRVDKLVEKI
 LHCSCQACGKEPSHEGLSVYVQGEDGPGSQPGTHPHPHPHPHGGQTPEPEDPP
 GAPHTEEEGAEDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NBL1 NBL1, DAN family BMP antagonist [Homo sapiens (human)]
Official Symbol	NBL1
Synonyms	NBL1; NBL1, DAN family BMP antagonist; D1S1733E; DAN; DAND1; NB; NO3; neuroblastoma suppressor of tumorigenicity 1; DAN domain family member 1; differential screening-selected gene aberrant in neuroblastoma; neuroblastoma 1, DAN family BMP antagonist; neuroblastoma candidate region, suppression of tumorigenicity 1
Gene ID	4681
mRNA Refseq	NM_005380
Protein Refseq	NP_005371
MIM	600613

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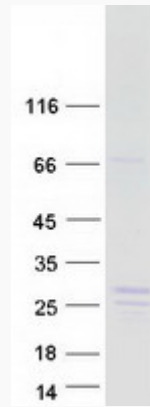
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UniProt ID

P41271

SDS-PAGE



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