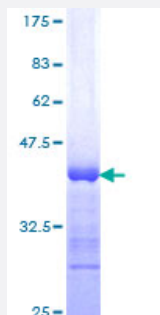


NBL1 (Human) Recombinant Protein (Q01)

Catalog # H00004681-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NBL1 partial ORF (NP_005371, 21 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	INKLALFPDKSAWCEAKNITQIVGHSGCEAKSIQNRACLGQCFSYSVPNTFPQSTESLVHCDSCM PAQSMWEIVTLECPGHEEVPRVDKLVEKILHCSCQACGKEPSHEG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NBL1

Entrez GeneID [4681](#)

GeneBank Accession# [NM_005380](#)

Protein Accession# [NP_005371](#)

Gene Name NBL1

Gene Alias D1S1733E, DAN, DAND1, MGC8972, NB, NO3

Gene Description neuroblastoma, suppression of tumorigenicity 1

Omim ID [600613](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations differential screening-selected gene aberrant in neuroblastoma|neuroblastoma candidate region, suppression of tumorigenicity 1|neuroblastoma suppressor of tumorigenicity 1