

AR50791PU-S**Human NBL1 (18-181, His-tag) - Purified****Alternate names:**

DAN, DAND1, Neuroblastoma suppressor of tumorigenicity 1

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

Neuroblastoma suppressor of tumorigenicity 1, also known as NBL1, is a 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. NBL1 is a candidate as a tumor suppressor of neuroblastoma and may play a role in preventing cells from entering the final stage (G1/S) of the transformation process. It is produced in small neurons of the dorsal root ganglion and its expression is activated by MATH-1.

Uniprot ID:[M1S623](#)**NCBI:**[NP_005371](#)**GeneID:**[5460](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT**Description:**

Recombinant human NBL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSAPPINK LALFPDKSAW CEAKNITQIV GHSGCEAKSI
QNRACLGQCF SYSVPNTFPQ STESLVHCDS CMPAQSMWEI VTLECPGHEE VPRVDKLVK
ILHCSCQACG KEPSHEGLSV YVQGEDGPGS QPGTHPHPHP HPHPGGQTPE PEDPPGAPHT
EEEGAED

Molecular weight: 20 kDa (187aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Kim A S., et al. (2003) Brain Res Dev. 145:159-162 Gerlach Bank L M., et al. (2004) Dev Dyn. 229: 219-230.

Pictures:

