

## NBL1 Human

**Description:** NBL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 187 amino acids (18-181 a.a) and having a molecular mass of 20kDa. NBL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-1372

For research use only.

**Synonyms:** D1S1733E, DAN, DAND1, NB, NO3, Neuroblastoma suppressor of tumorigenicity 1, DAN domain family member 1, Zinc finger protein DAN, NBL1.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MGSAPPPINK LALFPDKSAW  
CEAKNITQIV GHSGCEAKSI QNRACLGQCF SYSVNTPFPQ STESLVHCDS CMPAQSMWEI  
VTLECPGHEE VPRVDKLVK ILHCSCQACG KEPSHEGLSV YVQGEDGPGS QPGTHPHPHP  
HPHPGGQTPE PEDPPGAPHT EEEGAED.

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

NBL1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Neuroblastoma suppressor of tumorigenicity 1 (NBL1) is a part 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 several signaling molecules. NBL1 is a tumor suppressor of neuroblastoma and takes part in preventing cells from entering the final stage (G1/S) of the transformation process. NBL1 is produced in small neurons of the dorsal root ganglion. The expression of NBL1 is triggered by MATH-1.

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