

NBL1, 18-181aa, Human, His tag, E.coli

Cat.NO.: TP03101

3th Edition

Synonyms:Neuroblastoma suppressor of tumorigenicity 1, D1S1733E, DAN, DAND1, NB, NO3

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

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:20 kDa (187aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSAAPPINKLALFPDKSAWCEAKNITQIVGHSGCEAKSIQNRACLGQCFSYSVP
NTFPQSTESLVHCDSCMPAQSMWEIVTLECPGHEEVPRVDKLVKILHCSCQACGKEPSHEGLSVYVQGEDGPGS
QPGTHPHPHPHPHPGGQTPEPEDPPGAPHTEEEGAED

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.