
Product Data Sheet

Product Name: NBL1 Human
 Cat. No.: GP24008
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	D1S1733E; DAN; DAND1; NB; NO3; Neuroblastoma suppressor of tumorigenicity 1; DAN domain family member 1; Zinc finger protein DAN; NBL1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSAPPINK LALFPDKSAW CEAKNITQIV GHSGCEAKSI QNRACLGQCF SYSVPNTFPQ STESLVHCDS CMPAQSMWEI VTLECPGHEE VPRVDKLVEK ILHCSCQACG KEPSHEGLSV YVQGEDGPGS QPGTHPHPHP HPHPGGQTPE PEDPPGAPHT EEEGAED.		
Formulation	NBL1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.		

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.

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.

Background

NBL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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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.

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