

## Product datasheet for TP301954

### NBL1 (NM\_005380) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neuroblastoma, suppression of tumorigenicity 1 (NBL1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201954 protein sequence Red=Cloning site Green=Tags(s)
	MLRVLVGAVLPAMLLAAPPINKLALFPDKSAWCEAKNITQIVGHSGCEAKSIQNRACLGQCFSYSVPNT FPQSTESLVHCDSCMPAQSMWEIVTLECPGHEEVPRVDKLVKILHCSCQACGKEPSHEGLSVYVQGEDG PGSQPGTHPHPHPHPHGGQTPEPEDPPGAPHTEEEGAED
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	17.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_005371</a>
Locus ID:	4681
UniProt ID:	<a href="#">P41271</a>



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RefSeq Size: 2184

Cytogenetics: 1p36.13

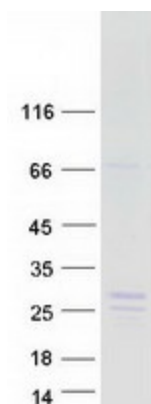
RefSeq ORF: 540

Synonyms: D1S1733E; DAN; DAND1; NB; NO3

**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 have been identified for this gene. Read-through transcripts between this locus and the upstream mitochondrial inner membrane organizing system 1 gene (GeneID 440574) have been observed. [provided by RefSeq, May 2013]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified NBL1 protein (Cat# TP301954). The protein was produced from HEK293T cells transfected with NBL1 cDNA clone (Cat# [RC201954]) using MegaTran 2.0 (Cat# [TT210002]).