

Product datasheet for **TP316869**

NUMBL (NM_004756) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human numb homolog (Drosophila)-like (NUMBL), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC216869 representing NM_004756

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MSRSAAASGGPRRPERHLPPAPCGAGPPETCRTEPDGAGTMNKLRQSLRRRKPAYVPEASRPHQWQADE
DAVRKGTCSFPVRYLGHVEVEESRGMHVCEDAVKLLKAMGRKSVKSVLWVSADGLRVDDKTKDLLVDQT
IEKVSFCAPDRNLDKAFSYICRDGTTRRWICHCFALAKDSGERLSHAVGCAFAACLERKQRREKECGVTA
AFDASRTSFAREGSFRLSGGGRPAEREAPDKKKAEEAAAPTAVGPAQPGHVSPTPATTSPGEKGEAGTP
VAAGTAAAIPIRRHAPLEQLVRQGSFRGFPALSQKNSPFKRQLSLRLNELPSTLQRRTDFQVKGTVPEME
PPGAGDSDSINALCTQISSSFASAGAPAGPPPATTGTSAWGEPSPVPPAAAFQPGHKRTPSEAERWLEEV
SQVAKAQQQQQQQQQQQQQQQAASVAVPVTMPPALQFPAPVGPFDAAAPAQVAVFLPPPMMQPPF
VPAYPLGYPPMPRPVVGITPSQMVANAFCSAAQLQPQPATLLGKAGAFPPPAIPSAAGSARPRPNGA
PWPPEPAPAPAPELDPFEAQWAALEGKATVEKPSNPFSGDLQKTFEIEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 64.7 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.

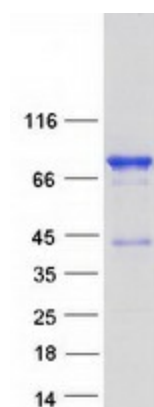


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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004747
Locus ID:	9253
UniProt ID:	Q9Y6R0 , A8K033
RefSeq Size:	3568
Cytogenetics:	19q13.2
RefSeq ORF:	1827
Synonyms:	CAG3A; CTG3a; NBL; NUMB-R; NUMBLIKE; NUMBR; TNRC23
Summary:	Plays a role in the process of neurogenesis. Required throughout embryonic neurogenesis to maintain neural progenitor cells, also called radial glial cells (RGCs), by allowing their daughter cells to choose progenitor over neuronal cell fate. Not required for the proliferation of neural progenitor cells before the onset of embryonic neurogenesis. Also required postnatally in the subventricular zone (SVZ) neurogenesis by regulating SVZ neuroblasts survival and ependymal wall integrity. Negative regulator of NF-kappa-B signaling pathway. The inhibition of NF-kappa-B activation is mediated at least in part, by preventing MAP3K7IP2 to interact with polyubiquitin chains of TRAF6 and RIPK1 and by stimulating the 'Lys-48'-linked polyubiquitination and degradation of TRAF6 in cortical neurons.[UniProtKB/Swiss-Prot Function]

Protein Pathways: Notch signaling pathway

Product images:



Coomassie blue staining of purified NUMBL protein (Cat# TP316869). The protein was produced from HEK293T cells transfected with NUMBL cDNA clone (Cat# [RC216869]) using MegaTran 2.0 (Cat# [TT210002]).