

Product datasheet for **TP316869L**

NUMBL (NM_004756) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human numb homolog (Drosophila)-like (NUMBL), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216869 representing NM_004756 Red =Cloning site Green =Tags(s)

MSRSAAASGGPRRPERHLPPAPCGAPGPPETCRTEPDGAGTMNKLRLQSLRRRKPAYVPEASRPHQWQA
DE
DAVRKGTCSFPVRYLGHVVEESRGMHVCEDAVKKLKAMGRKSVKSVLWVSADGLRWDDKTKDLLVDQ
T
IEKVSFCAPDRNLDKAFSYICRDGTTTRRWICHFLALKDSGERLSHAVGCAFAACLERKQRREKECGVTA
AFDASRTSFAREGSFRLSGGGRPAEREAPDKKAEAAAAPTVAPGPAQPGHVSPTATTSPGEKGEAGTP
VAAGTTAAIPRRHAPLEQLVRQGSFRGFPALSQKNSPFKRQLSLRLNELPSTLQRRDQVKGTVPEME
PPGAGDSDSINALCTQISSSFASAGAPAGPPPATTGTSAWGEPSVPPAAAFQPGHKRTPSEAWLEEV
SQVAKAQQQQQQQQQQQQQQQQQAASVAPVPTMPPALQFPAPVGPFDAAAPQVAVFLPPPH
MQPPF
VPAYPGLGYPPMPRPVWGITPSQMVANAFCSAAQLQPQPATLLGKAGAFPPPAIPSAPGSQARPRPNG
A
PWPPEPAPAPAPELDPFEAQWAALEGKATVEKPSNPFSGDLQKTFEIEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

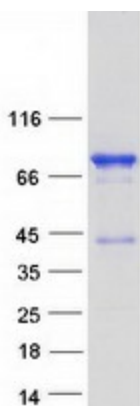
Tag:	C-Myc/DDK
Predicted MW:	64.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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:	NP_004747
Locus ID:	9253
UniProt ID:	Q9Y6R0
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]).