

Product datasheet for PH316869

NUMBL (NM_004756) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NUMBL MS Standard C13 and N15-labeled recombinant protein (NP_004747)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216869
Predicted MW:	64.9 kDa
Protein Sequence:	>RC216869 representing NM_004756 Red=Cloning site Green=Tags(s)

MSRSAAASGGPRRPERHLPPAPCGAGPPETCRTEPDGAGTMNKLRQSLRRRKPAYVPEASRPHQWQADE
DAVRKGTCSFPVRYLGHVVEESRGMHVCEDAVKLKLKAMGRKSVKSVLWVSADGLRVVDDKTKDLLVDQT
IEKVSFCAPDRNLDAFYSYICRDGTTTRRWICHCFALALKDSGERLSHAVGCAFAACLERKQRREKECGVTA
AFDASRTSFAREGSFRLSGGGRPAEREAPDKKAEAAAAPTAVGPAQPGHVSPTPATTSPGKGEAGTP
VAAGTTAAAIPIRRHAPLEQLVRQGSFRGFPALSQKNSPFKRQLSLRLNELPSTLQRRTDFQVKGTVPEME
PPGAGDSDSINALCTQISSFSASAGAPAGPPPATTGTSAWGEPVPPAAAFQPGHKRTPSEAERWLEEV
SQVAKAQQQQQQQQQQQQQQAASVAPVPTMPPALQFPAPVGPFDAAAPAQVAVFLPPPHMQPPF
VPAYPGLGYPPMPRPVVGITPSQMVANAFCSAAQLQPQPATLLGKAGAFPPAIPAPGSQARPRPNGA
PWPPEPAPAPAPPELDPFEAQWAALLEGKATVEKPSNPFSGDLQKTFEIEL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004747
RefSeq Size:	3568
RefSeq ORF:	1827



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Synonyms: CAG3A; CTG3a; NBL; NUMB-R; NUMBLIKE; NUMBR; TNRC23

Locus ID: 9253

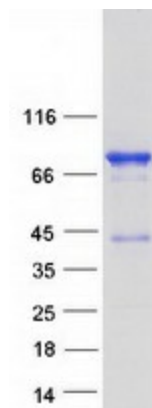
UniProt ID: [Q9Y6R0](#), [A8K033](#)

Cytogenetics: 19q13.2

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]).