

Product datasheet for TP509340

Numb1 (NM_010950) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse numb-like (Numb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA >MR209340 protein sequence

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

Sequence:

MSRSAAASGGPRRPDQHLSPAPCGASGPPETFRTESDGAGTMNKLRSQSLRRRKPAYVPEASRPHQWQADE
DAVRKGTCSFPVRYLGHVEVEESRGMHVCEDAVKKMKAMGRKSVKSVLWVSADGLRVVDDKTKDLLVDQT
IEKVSFCAPDRNLDAFSYICRDGTTTRRWICHCFALKDSGERLSHAVGCAFAACLERKQRREKECGVTA
AFDASRTSFAREGSFRLSGGGRPAEREAGDKKKAEEAAPAVAPGPAQPGHVSPTPATTSPGEKGEAGTP
VAAGTTAAAIPIRRHAPLEQLVRQGSFRGFPALSQKNSPFKRQLSLRLNELPSTLQRRRTDFQVKGTVPPEM
PPGTGSDSDGINALCTQISSFASAGAPASGPPATTGTSAWGEPSPVAAAAFPQGHKRTPSEAERWLEEV
SQVAKAQQQQQQQQQQQQQATSVPPMPTMAPTLQPFSAVGPFDAAAQVAVFLPPTHMQPPFVPAYP
GLGYPPMPRPVVGITPSQMVANAFCSAAQLQPATLLGKAGAFPPAAPSAPGGQARPRPNGAPWPPE
PAPAPAPELDPFEAQWAALEGKPAVEKPSNPFSGDLQKTFEIEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 64.1 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

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 after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_035080](#)
Locus ID: 18223
UniProt ID: [O08919](#), [Q3UH86](#)
RefSeq Size: 2733
Cytogenetics: 7 A3
RefSeq ORF: 1815
Synonyms: nbl

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]