Datasheet for ABIN7554811
NUMBL Protein (AA 1-609) (His tag)

Overview

Quantity:	1 mg
Target:	NUMBL
Protein Characteristics:	AA 1-609
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUMBL protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NUMBL Protein expressed in mammalian cells.
Sequence:	MSRSAAASGG PRRPERHLPP APCGAPGPPE TCRTEPDGAG TMNKLRQSLR RRKPAYVPEA SRPHQWQADE DAVRKGTCSF PVRYLGHVEV EESRGMHVCE DAVKKLKAMG RKSVKSVLWV SADGLRVVDD KTKDLLVDQT IEKVSFCAPD RNLDKAFSYI CRDGTTRRWI CHCFLALKDS GERLSHAVGC AFAACLERKQ RREKECGVTA AFDASRTSFA REGSFRLSGG GRPAEREAPD KKKAEAAAAP TVAPGPAQPG HVSPTPATTS PGEKGEAGTP VAAGTTAAAI PRRHAPLEQL VRQGSFRGFP ALSQKNSPFK RQLSLRLNEL PSTLQRRTDF QVKGTVPEME PPGAGDSDSI NALCTQISSS FASAGAPAPG PPPATTGTSA WGEPSVPPAA AFQPGHKRTP SEAERWLEEV SQVAKAQQQQ QQQQQQQQQQ QQQQQQAASV APVPTMPPAL QPFPAPVGPF DAAPAQVAVF LPPPHMQPPF VPAYPGLGYP PMPRVPVVGI TPSQMVANAF CSAAQLQPQP ATLLGKAGAF PPPAIPSAPG SQARPRPNGA PWPPEPAPAP APELDPFEAQ WAALEGKATV EKPSNPFSGD LQKTFEIEL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag**

Product Details

	necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	NUMBL
Alternative Name:	NUMBL (NUMBL Products)
Background:	Numb-like protein (Numb-related protein) (Numb-R),FUNCTION: 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. {ECO:0000269|PubMed:18299187, ECO:0000269|PubMed:20079715}.

Target Details

Molecular Weight:	64.9 kDa
UniProt:	Q9Y6R0
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months