

Product datasheet for TP522883

Nagpa (NM_013796) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase (Nagpa), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222883 representing NM_013796 Red =Cloning site Green =Tags(s)
	<p>MAAPRGPGLFLIPALLGLLGVAWCSLSFGVSRDDDLLLPYPLARRRPSRDCARVRSQSPEQESWPPPTN PGASHHAAVRTFVSHFEGRAVAGHLTRVADPLRTFVLEPGGAGGCAQKRRATVEDTAVPAGCRIAQNGG FFRMSTGECLGNVSDGRLVSSSGGLQNAQFGIRRDGTIVTGYLSEEVLDPVNPFVQLLSGVVWLIRNG NIYINESQAIECDTQETGFSFKFVNVMSARTAVGHDRGQLILFHADGQTEQRGLNLWEMAEFLRQQDV VNAINLDGGGSATFVLNGLASYPDHCQDNMWRCPQVSTVVCVHEPRCQPPDCSGHGTCVDGHCECTS HFWRGEACSELDCGPSNCSQHGLCTETGCHCDAGWTGSNCSEECPLGWYGGCQRPCQCEHQCSQCDPQTG NCSISQVRQCLQPTTEATPRAGELASFTRTTWLALTLIFLLLISTGVNVSLFLGSRAERNRHLDDGYVY HPLQEVNGEALTAKEHMEETSNPFKD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	56.5 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.
RefSeq:	<u>NP_038824</u>



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Locus ID: 27426

UniProt ID: [Q8BJ48](#)

RefSeq Size: 2152

Cytogenetics: 16 A1

RefSeq ORF: 1551

Synonyms: AI596180; UCE

Summary: Catalyzes the second step in the formation of the mannose 6-phosphate targeting signal on lysosomal enzyme oligosaccharides by removing GlcNAc residues from GlcNAc-alpha-P-mannose moieties, which are formed in the first step. Also hydrolyzes UDP-GlcNAc, a sugar donor for Golgi N-acetylglucosaminyltransferases.[UniProtKB/Swiss-Prot Function]