

Product datasheet for **TP309278M**

SNAP-beta (NAPB) (NM_022080) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human N-ethylmaleimide-sensitive factor attachment protein, beta (NAPB), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209278 protein sequence Red =Cloning site Green =Tags(s)
	MDNAGKEREAVQLMAEAEKRVKASHSFLRGLFGGNTRIEEACEMYTRAANMFKMAKNWSAAGNAFCQAAK LHMLQSKHDSATSFVDAGNAYKKADPQEAINCLNAAIDIYTDMGRTIAAKHHITIAEIYETELVDIEK AIAHYEQSADYYKGEESNSSANKCLLKVAAYAAQLEQYQKAIEIYEQVGANTMDNPLLKYSADYFFKAA LCHFIVDELNAKLALKEYEEMFPAFTDSRECKLLKLLLEAHEEQNSEAYTEAVKEFDSISRLDQWLTTML LRIKKSIIQGDGEGDGLK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	33.4 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.
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_071363
Locus ID:	63908



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UniProt ID: [Q9H115](#)

RefSeq Size: 3871

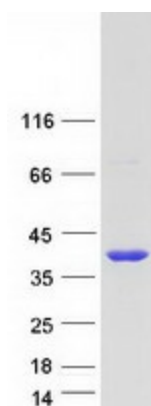
Cytogenetics: 20p11.21

RefSeq ORF: 894

Synonyms: SNAP-BETA; SNAPB

Summary: This gene encodes a member of the soluble N-ethyl-maleimide-sensitive fusion attachment protein (SNAP) family. SNAP proteins play a critical role in the docking and fusion of vesicles to target membranes as part of the 20S NSF-SNAP-SNARE complex. This gene encodes the SNAP beta isoform which has been shown to be preferentially expressed in brain tissue. The encoded protein also interacts with the GluR2 α-amino-3-hydroxy-5-methyl-4-isoxazolepropionate (AMPA) receptor subunit C-terminus and may play a role as a chaperone in the molecular processing of the AMPA receptor. [provided by RefSeq, Mar 2017]

Product images:



Coomassie blue staining of purified NAPB protein (Cat# [TP309278]). The protein was produced from HEK293T cells transfected with NAPB cDNA clone (Cat# [RC209278]) using MegaTran 2.0 (Cat# [TT210002]).