

## Product datasheet for PH309278

### SNAP-beta (NAPB) (NM\_022080) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NAPB MS Standard C13 and N15-labeled recombinant protein (NP_071363)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209278
Predicted MW:	33.6 kDa
Protein Sequence:	>RC209278 protein sequence Red=Cloning site Green=Tags(s)  MDNAGKEREAVQLMAEAEKRVKASHSFLRGLFGNTRIEEACEMYTRAANMFKMAKNWSAAGNAFCQAAK LHMQLQSKHDSATSFVDAGNAYKKADPQEAINCLNAAIDYITDMGRFTIAAKHHITIAEITYETELVDIEK AIAHYEQSADYYKGEESNSSANKCLLKVAAYAAQLEQYQKAIEIYEQVGANTMDNPLLKYSADYFFKAA LCHFIVDELNAKLALKEYEEMFPAFTDSRECKLLKLLLEAHEEQNSEAYTEAVKEFDSISRDLQWLTML LRIKKSIIQGDGEGDGLK  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_071363</a>
RefSeq Size:	3871
RefSeq ORF:	894
Synonyms:	SNAP-BETA; SNAPB
Locus ID:	63908



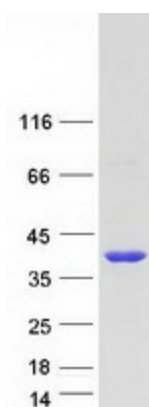
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UniProt ID: [Q9H115](#)

Cytogenetics: 20p11.21

**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 &#945;-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]).