

Product datasheet for PH317529

Syntaxin 2 (STX2) (NM_194356) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STX2 MS Standard C13 and N15-labeled recombinant protein (NP_919337)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217529
Predicted MW:	33.2 kDa
Protein Sequence:	>RC217529 representing NM_194356 Red=Cloning site Green=Tags(s) MRDRLPDLTACRKNDDGDTVVVVVEKDHFMDDFFHQVEEIRNTIDKITQYVEEVKKNHSIILSAPNPEGKI KEELEDLNKEIKKTANKIRAKLKAIEQSFQDESGNRTSVDLRIRRTQHSVLSRKFVEAMAEYNEAQTFL RERSKGRIQRQLEITGRITTTDDELEEMLESGKPSIFTSDIISDSQITRQALNEIESRHKDIMKLETSIRE LHEMFMDAMFVETQGEMINNIERNVMNATDYVEHAKEETKKAIKYQSKARRKWWIIIVSVVLVAIIAL IIGLSVGK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_919337
RefSeq Size:	3469
RefSeq ORF:	864
Synonyms:	EPIM; EPM; STX2A; STX2B; STX2C
Locus ID:	2054



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UniProt ID: [P32856](#)

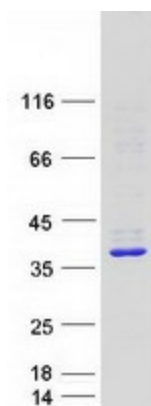
Cytogenetics: 12q24.33

Summary: The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

Product images:



Coomassie blue staining of purified STX2 protein (Cat# [TP317529]). The protein was produced from HEK293T cells transfected with STX2 cDNA clone (Cat# [RC217529]) using MegaTran 2.0 (Cat# [TT210002]).