Recombinant Human STX2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STX2-1546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STX2 MS Standard C13 and N15-labeled recombinant protein (NP_919337) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	33.2 kDa
AA Sequence	MRDRLPDLTACRKNDDGDTVVVVEKDHFMDDFFHQVEEIRNTIDKITQYVEEVKKNH SIILSAPNPEGKIKEELEDLNKEIKKTANKIRAKLKAIEQSFDQDESGNRTSVDLRIRRT QHSVLSRKFVEAMAEYNEAQTLFRERSKGRIQRQLEITGRTTTDDELEEMLESGKPS IFTSDIISDSQITRQALNEIESRHKDIMKLETSIRELHEMFMDMAMFVETQGEMINNIER NVMNATDYVEHAKEETKKAIKYQSKARRKKWIIIAVSVVLVAIIALIIGLSVGKTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	STX2 syntaxin 2 [Homo sapiens (human)]
Official Symbol	STX2
Synonyms	STX2; syntaxin 2; EPIM, epimorphin, STX2A, STX2B, STX2C; syntaxin-2; EPM; epimorphin; EPIM; STX2A; STX2B; STX2C; MGC51014;
Gene ID	2054
mRNA Refseq	NM_194356
Protein Refseq	NP_919337
MIM	132350
UniProt ID	P32856

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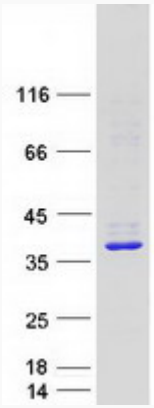
SDS-PAGE	

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