Recombinant Full Length Human STX2 Protein

Cat. No. STX2-512HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Syntaxin 2 Isoform 1 with N-Terminal proprietary tag.Mol Wt 57.64 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	287 amino acids
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.
Form	Liquid
Molecular Mass	57.640kDa inclusive of tags
AA Sequence	MRDRLPDLTACRKNDDGDTVVVVEKDHFMDDFFHQVEEIR NSIDKITQYVEEVKKN HSIILSAPNPEGKIKEELEDLNKE IKKTANKIRAKLKAIEQSFDQDESGNRTSVDLRIR RTQHS VLSRKFVEAMAEYNEAQTLFRERSKGRIQRQLEITGRTTT DDELEEMLESG KPSIFTSDIISDSQITRQALNEIESRHKD IMKLETSIRELHEMFMDMAMFVETQGEMIN NIERNVMNAT DYVEHAKEETKKAIKYQSKARRKLMFIIICVIVLLVILGI ILATTLS

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	STX2 syntaxin 2 [Homo sapiens]
Official Symbol	STX2
Synonyms	STX2; syntaxin 2; EPIM, epimorphin , STX2A, STX2B, STX2C; syntaxin-2; EPM
Gene ID	2054
mRNA Refseq	NM_001980
Protein Refseq	NP_001971
MIM	132350
UniProt ID	P32856

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