

# Recombinant Full Length Human STX2 Protein, GST-tagged

**Cat. No.** STX2-4748HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human EPIM full-length ORF ( NP_001971.2, 1 a.a. - 287 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	287 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	59.7 kDa
<b>AA Sequence</b>	MRDRLPDLTACRKNDDGDTVVVVEKDHFMDDFFHQVEEIRNSIDKITQYVEEVKKN HSIILSAPNPEGKIKEELEDLNKEIKKTANKIRAKLKAIEQSFQDESGNRTSVDLRIRR TQHSVLSRKFVEAMA EYNEA QTLFRERSKGR IQRQLEITGR TTTDDELEEMLESGKP SIFTSDIISDSQITRQALNEIESRHKDIMKLETSIRELHEMFMDMAMFVETQGEMINNIE RNVMNATDYVEHAKEETKKAIKYQSKARRKLMFIIICVIVLLVILG IILATTLS
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

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

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