

## Recombinant Human STX2 cell lysate

Cat. No. STX2-1718HCL Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**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.

**Size**

100 ul

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Applications**

Western Blot;

### GENE INFORMATION

**Gene Name**

STX2 syntaxin 2 [ Homo sapiens ]

**Official Symbol**

STX2

**Synonyms**

STX2; syntaxin 2; EPIM, epimorphin , STX2A, STX2B, STX2C; syntaxin-2; EPM; epimorphin; EPIM; STX2A; STX2B; STX2C; MGC51014;

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<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
<b>Chromosome Location</b>	12q24
<b>Pathway</b>	Botulinum neurotoxicity, organism-specific biosystem; Disease, organism-specific biosystem; Neuronal System, organism-specific biosystem; Proteolytic cleavage of SNARE complex proteins, organism-specific biosystem; SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem; Synaptic vesicle cycle, organism-specific biosystem;
<b>Function</b>	SNAP receptor activity; SNARE binding; calcium-dependent protein binding; protein binding;

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