

Recombinant Human STX2 cell lysate

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

SPECIFICATION

Product Overview

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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Gene ID	2054
mRNA Refseq	NM_194356
Protein Refseq	NP_919337
MIM	132350
UniProt ID	P32856
Chromosome Location	12q24
Pathway	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;
Function	SNAP receptor activity; SNARE binding; calcium-dependent protein binding; protein binding;

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