Recombinant Human STX4

Cat. No. STX4-31439TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Syntaxin 4 with N terminal proprietary tag; predicted MWt: 36.74 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	101 amino acids
Description	Syntaxin-4 is a protein that in humans is encoded by the STX4 gene.
Molecular Weight	36.740kDa inclusive of tags
Tissue specificity	Expressed in neutrophils and neutrophil-differentiated HL-60 cells. Expression in neutrophils increases with differentiation.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris buffered saline, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids	DKERVALVVHPGTARLGSPDEEFFHKVRTIRQTIVKLGNKVQELEKQQVTILATPLPE ESMKQELQNLRDEIKQLGREIRLQLKAIEPQKEEADENYNSVN
Sequence Similarities	Belongs to the syntaxin family.Contains 1 t-SNARE coiled-coil homology domain.

GENE INFORMATION

Gene Name	STX4 syntaxin 4 [Homo sapiens]
Official Symbol	STX4
Synonyms	STX4; syntaxin 4; STX4A, syntaxin 4A (placental); syntaxin-4; p35 2;
Gene ID	6810
mRNA Refseq	NM_004604
Protein Refseq	NP_004595
MIM	186591
Uniprot ID	Q12846
Chromosome Location	16p11.2
Pathway	Botulinum neurotoxicity, organism-specific biosystem; Clathrin derived vesicle budding, organism-specific biosystem; Disinhibition of SNARE formation, organism-specific biosystem; Hemostasis, organism-specific biosystem; Insulin Signaling, organism-specific biosystem;

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Function	Rab GTPase binding; SNAP receptor activity; SNARE binding; protein binding; spectrin binding;

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