

Datasheet for ABIN7319065
Syntaxin 6 Protein (STX6)



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Overview

Quantity:	50 µg
Target:	Syntaxin 6 (STX6)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Syntaxin-6/STX6 Protein
Sequence:	Ser2-Gln234
Characteristics:	Recombinant Human Syntaxin-6 is produced by our E.coli expression system and the target gene encoding Ser2-Gln234 is expressed.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Syntaxin 6 (STX6)
Alternative Name:	Syntaxin-6/STX6 (STX6 Products)
Background:	Background: Syntaxin-6 (STX6) is a single-pass type IV membrane protein, which belongs to the Syntaxin family. STX6 is mainly localized in the plasma membrane. STX6 contains one t-SNARE coiled-coil homology domain and involved in intracellular vesicle trafficking. When STX6 function is inhibited, internalization through caveolae is dramatically reduced, whereas other

Target Details

endocytic mechanisms are unaffected. It is reported that STX6 is necessary for proper expression of focal adhesion kinase and integrin alpha5 adhesion receptor.

Synonym: Syntaxin-6, STX6

Molecular Weight: 26.8 kDa

UniProt: [O43752](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.