

Datasheet for ABIN2733113

Syntaxin 5 Protein (STX5) (Myc-DYKDDDDK Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	20 µg
Target:	Syntaxin 5 (STX5)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Syntaxin 5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Syntaxin 5 / STX5 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	Syntaxin 5 (STX5)
Alternative Name:	Syntaxin 5, stx5 (STX5 Products)
Background:	<p>This gene encodes a member of the syntaxin or t-SNARE (target-SNAP receptor) family. These proteins are found on cell membranes and serve as the targets for v-SNAREs (vesicle-SNAP receptors), permitting specific synaptic vesicle docking and fusion. The encoded protein regulates endoplasmic reticulum to Golgi transport and plays a critical role in autophagy.</p> <p>Autoantibodies targeting the encoded protein may be a diagnostic marker for endometriosis.</p>

Target Details

	Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Weight:	39.5 kDa
NCBI Accession:	NP_003155
Pathways:	Transition Metal Ion Homeostasis , Regulation of Cell Size , Synaptic Vesicle Exocytosis

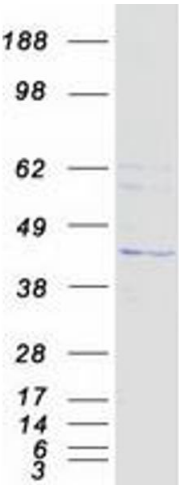
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot