

Datasheet for ABIN7319066

Syntaxin 7 Protein (STX7) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Syntaxin 7 (STX7)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Syntaxin 7 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Syntaxin-7/STX7 Protein (His Tag)
Sequence:	Ser2-Leu238
Characteristics:	Recombinant Human Syntaxin-7 is produced by our Mammalian expression system and the target gene encoding Ser2-Leu238 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Syntaxin 7 (STX7)
Alternative Name:	Syntaxin-7/STX7 (STX7 Products)
Background:	Background: Syntaxin 7 (STX7) is a member of a family of membrane-trafficking proteins named as soluble N-ethylmaleimide-sensitive factor attachment protein receptors (SNAREs), and mediates the endocytic trafficking from early endosomes to late endosomes and

Target Details

lysosomes. Syntaxin-7 has been shown to be present in both late endosomes and lysosomes, and to be required for both homotypic late endosome fusion and heterotypic fusion with lysosomes. STX7 has been shown to interact with STX8, VPS18, Vesicle-associated membrane protein 8 and VPS11.

Synonym: Syntaxin-7, STX7, syntaxin 7

Molecular Weight: 28.0 kDa

UniProt: [O15400](#)

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 PBS, 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.