

## Product datasheet for **TP727383**

### Syntaxin 7 (STX7) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Syntaxin-7/STX7 (N-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser2-Leu238
Tag:	N-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	8417
UniProt ID:	<a href="#">O15400</a>
Synonyms:	Syntaxin-7; STX7; syntaxin 7
Summary:	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 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.
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	SNARE interactions in vesicular transport



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