

## 32-8653: Recombinant Human Syntaxin-7/STX7 (N-6His)

**Gene :** STX7  
**Gene ID :** 8417  
**Uniprot ID :** O15400

### Description

Source: Human Cells.  
MW :28kD.

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. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.  
**Storage condition :** 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.  
**Amino Acid :** HHHHHHSYTPGVGGDPAQLAQRISNIQKITQCSVEIQRTLNLGTPQDSPELRQQQLQQKQQYTNQLAKETDK  
YIKEFGSLPTTPSEQRQRKIQKDRLVAEFTTSLTNFQKVQRQAAEREKEFVARVRASSRVSGSFPEDSSKERNLV  
SWESQTQPQVQVQDEEITEDDLRLIHERESSIRQLEADIMDINEIFKDLGMMIHEQGDVIDSIEANVENAEVHVQ  
QANQQLSRAADYQRKSRKTL

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.