



Recombinant Protein Technical Manual
Recombinant Human Syntaxin-7/STX7 Protein (His
Tag)
RPES0455

Product Data:

Product SKU: RPES0455

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: O15400

Protein Information:

Molecular Mass: 28.0 kDa

AP Molecular Mass: 31-36 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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

Application:

Synonyms: Syntaxin-7; STX7; syntaxin 7

Immunogen Information:

Sequence: Ser2-Leu238

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 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.