

Recombinant Rat STX7 Protein, His-tagged

Cat. No. STX7-1141R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat STX7 (NP_068641.2) (Ser2-Leu238) was expressed with a polyhistidine tag at the N-terminus.
Species	Rat
Source	HEK293
ProteinLength	2-238 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat STX7 consists 256 amino acids and predicts a molecular mass of 29.5 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Stx7 syntaxin 7 [*Rattus norvegicus*]

Official Symbol STX7

Synonyms STX7; syntaxin 7; syntaxin-7;

Gene ID 60466

mRNA Refseq NM_021869

Protein Refseq NP_068641

MIM

UniProt ID

Pathway Phagosome, organism-specific biosystem; Phagosome, conserved biosystem; SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem;

Function SNAP receptor activity; SNARE binding; protein binding; protein complex binding;

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