

Recombinant Mouse Slc30a7 Protein, Myc/DDK-tagged

Cat. No. Slc30a7-5927M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length solute carrier family 30 (zinc transporter), member 7 (Slc30a7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Seems to facilitate zinc transport from the cytoplasm into the Golgi apparatus. Partly regulates cellular zinc homeostasis. Required with ZNT5 for the activation of zinc-requiring enzymes, alkaline phosphatases (ALPs). Transports zinc into the lumens of the Golgi apparatus and the vesicular compartments where ALPs locate, thus, converting apoALPs to holoALPs. Required with ZNT5 and ZNT6 for the activation of TNAP.
Molecular Mass	41.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Slc30a7 solute carrier family 30 (zinc transporter), member 7 [Mus musculus (house mouse)]

Official Symbol [Slc30a7](#)

Synonyms SLC30A7; solute carrier family 30 (zinc transporter), member 7; zinc transporter 7; znt-like transporter 2; solute carrier family 30 member 7; ZnT7; ZnT-7; Znt12; AI467242; 1810059J10Rik; 2610034N15Rik; 4833428C12Rik

Gene ID [66500](#)

mRNA Refseq [NM_023214](#)

Protein Refseq [NP_075703](#)

UniProt ID [Q9JKN1](#)

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