

Recombinant Rat Slc39a7 Protein, His-tagged

Cat. No. Slc39a7-2076R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Slc39a7 Protein (Ala141-Glu468) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala141-Glu468
Description	Predicted to enable zinc ion transmembrane transporter activity. Predicted to be involved in cellular zinc ion homeostasis and zinc ion transmembrane transport. Predicted to be located in endoplasmic reticulum and nucleoplasm. Orthologous to human SLC39A7 (solute carrier family 39 member 7).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.8 kDa Accurate Molecular Mass: 38 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Slc39a7 solute carrier family 39 (zinc transporter), member 7 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Slc39a7

Synonyms

SLC39A7; solute carrier family 39 (zinc transporter), member 7; RT1 class I, locus Ke4; RT1 region expressed gene KE4; Histidine-rich membrane protein; Ke4; Rt1Ke4; RT1-Ke4; MGC94153;

Gene ID

294281

mRNA Refseq

NM_001008885

Protein Refseq

NP_001008885

UniProt ID

Q6MGB4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA