

Solute Carrier Family 30 Member 8 (SLC30A8) Recombinant Protein | SLC30A8 recombinant protein

Recombinant Solute Carrier Family 30 Member 8 (SLC30A8)

CATALOG # AAA153614	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Solute Carrier Family 30 Member 8 (SLC30A8); Recombinant Solute Carrier Family 30 Member 8 (SLC30A8); Solute Carrier Family 30 Member 8; SLC30A8 recombinant protein (prokaryotic); Human; ZNT8; Zinc Transporter 8; SLC30A8 recombinant protein

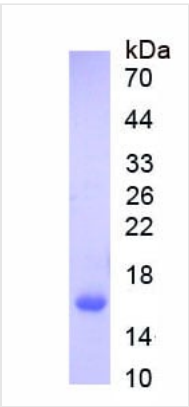
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 80%
Form/Format	Freeze-dried powder; PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for SLC30A8 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr263–Asp369
Tags	N-terminal His Tag
Subcellular Location	Membrane
Predicted isoelectric point	5.0
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.2 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

Gene Sequence

TITILKDFSLMEGVPKSLNYSQVKELTLAVDQVLSVSHLHSLTNQVILSAHVATAASRDQVVRREIAKALSKSFTHSLTIQR
ESPVDDPDCLFCEIDPCD



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for SLC30A8 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	64762489
NCBI GeneID	169026
NCBI Accession #	NP_776250
NCBI GenBank Nucleotide #	NM_173851.2
UniProt Accession #	Q8IWU4; Q8TCL3; A0AVP9; A5YM39; B4DPE0
Molecular Weight	Predicted Molecular Mass: 15.4kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	zinc transporter 8 isoform a
NCBI Official Synonym Full Names	solute carrier family 30 (zinc transporter), member 8
NCBI Official Symbol	SLC30A8
NCBI Official Synonym Symbols	ZNT8; ZnT-8
NCBI Protein Information	zinc transporter 8; zinc transporter ZnT-8
UniProt Protein Name	Zinc transporter 8
UniProt Gene Name	SLC30A8
UniProt Synonym Gene Names	ZNT8; ZnT-8
UniProt Entry Name	ZNT8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.