

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

Recombinant Solute Carrier Family 30 Member 8 (SLC30A8)

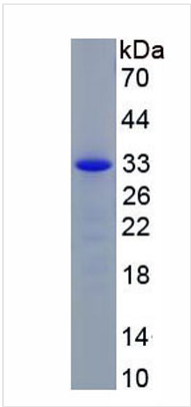
CATALOG # AAA20271	HOST E.coli	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for SLC30A8 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	May be suitable for use in other assays to be determined by the end user.
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Thr263-Asp369
Tags	Two N-terminal Tags, His-tag and SUMO-tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.9
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 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.



TITILKDF SILLMEGVPK SLNYSQVKEL ILAVDGVLSV
HSLHIWLSLM NQVILSAHVA TAASRDSQVV RREIAKALSK SFTMHSLLTIQ
MESPDVQDPD CLFCEDPCD

Sequence Information

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	289803003
NCBI GeneID	169026
NCBI Accession #	NP_001166282.1
NCBI GenBank Nucleotide #	NM_001172811.1
UniProt Accession #	Q8IWU4; Q8TCL3; A0AVP9; A5YM39; B4DPE0
NCBI Official Full Name	zinc transporter 8 isoform b
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.

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Online datasheet: <https://stage.aaabiotech.com/slc30a8-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20271>