

Recombinant Human SLC39A7 protein, His-tagged

Cat. No. SLC39A7-3987H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A7 protein(237-384 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	237-384 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	VRHVKGGGHGHSHGHGHAHSHTRGSHGHGRQERSTKEKQSSEEEEEKETRGVQKR RGGSTVPKDGPPVRPQNAEEEEKRGLDLRVSGYLNLAADLAHNFTDGLAIGASFRGGR GLGILTTMTVLLHEVPHEVGDFAILVQSGCSKKQAMRLQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

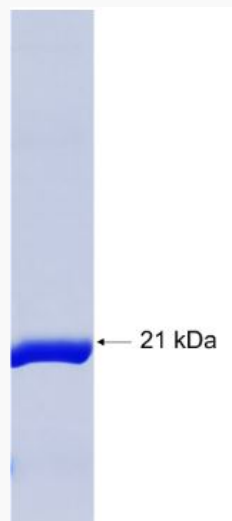
GENE INFORMATION

Gene Name	SLC39A7 solute carrier family 39 (zinc transporter), member 7 [Homo sapiens]
Official Symbol	SLC39A7
Synonyms	SLC39A7; solute carrier family 39 (zinc transporter), member 7; HKE4, HLA class II region expressed gene KE4; zinc transporter SLC39A7; D6S2244E; H2 KE4; KE4; RING5; ZIP7; Ke4 gene, mouse, human homolog of; solute carrier family 39 member 7; histidine-rich membrane protein Ke4; really interesting new gene 5 protein; HLA class II region expressed gene KE4; HKE4; H2-KE4; D6S115E;
Gene ID	7922
mRNA Refseq	NM_001077516
Protein Refseq	NP_001070984
MIM	601416
UniProt ID	Q92504

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SDS-PAGE

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