

Recombinant Human SLC30A6 protein, His-tagged

Cat. No. SLC30A6-5744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC30A6 protein(286-501 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	286-501 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. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MSVYSGKVLLQTTPPHVIGQLDKLIREVSTLDGVLEVRNEHFWTLGFGSLAGSVHVR IRRDANEQMVLAVHTNRLYTLVSTLTQIFKDDWIRPALLSGPVAANVLNFSDDHHVIP MPLLKGTDDLNPVTSTPAKPSSPPPEFSFNTPGKNVNPVILLNTQTRPYGFGFLNHGH TPYSSMLNQGLGVPGIGATQGLRTGFTNIPSRYGTNNRIGQPRP
Purity	80%, 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.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 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 SLC30A6 solute carrier family 30 (zinc transporter), member 6 [Homo sapiens]

Official Symbol SLC30A6

Synonyms SLC30A6; solute carrier family 30 (zinc transporter), member 6; zinc transporter 6; FLJ31101; ZNT6; znT-6; solute carrier family 30 member 6; MST103; MSTP103; MGC45055;

Gene ID 55676

mRNA Refseq NM_001193513

Protein Refseq NP_001180442

MIM 611148

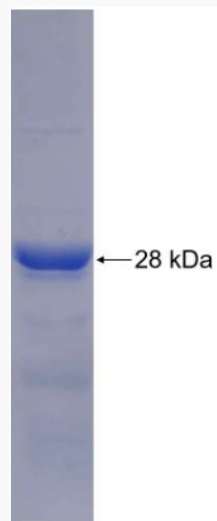
UniProt ID Q6NXT4

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SDS-PAGE



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