

Recombinant Human SLC31A1 Full Length Transmembrane protein, His-SUMO-tagged

Cat. No. SLC31A1-7123H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC31A1 protein(O15431)(1-190aa), fused with N-terminal His-SUMO tag, was expressed in in vitro E. coli expression system.
Species	Human
Source	E.coli
ProteinLength	1-190aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	37.1kDa
AA Sequence	MDHSHHMGMSYMDSNSTMQPSHHHPTTSASHSHGGGDSSMMMMPMTFYFGFKN VELLFSGLVINTAGEMAGAFVAVFLLAMFYEGLKIARESLLRKSQVSIRYNSMPVPGP NGTILMETHKTVGQQMLSFPHLLQTVLHIIQVVISYFLMLIFMTYNGYLCIAVAAGAGT GYFLFSWKKAVVVDITEHCH
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name [SLC31A1 solute carrier family 31 \(copper transporters\), member 1 \[Homo sapiens \]](#)

Official Symbol [SLC31A1](#)

Synonyms

SLC31A1; solute carrier family 31 (copper transporters), member 1; COPT1; high affinity copper uptake protein 1; copper transport 1 homolog (S. cerevisiae); CTR1; hCTR1; copper transporter 1; copper transport 1 homolog; solute carrier family 31 member 1; MGC75487;

Gene ID [1317](#)

mRNA Refseq [NM_001859](#)

Protein Refseq [NP_001850](#)

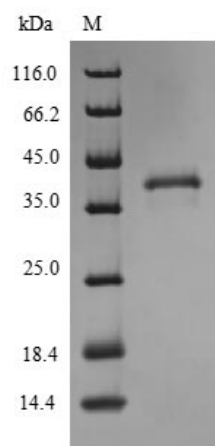
MIM [603085](#)

UniProt ID [O15431](#)

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SDS-PAGE

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