

Recombinant Human SLC30A8/ZNT8 protein, His-tagged

Cat. No. SLC30A8-2448H **Lot. No.** (See product label)

SPECIFICATION

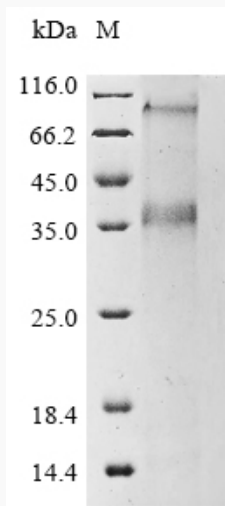
Product Overview	Recombinant Human SLC30A8 protein(Q8IWU4)(1-369aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-369aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	43.6 kDa
AA Sequence	MEFLERTYLVNDKAAKMYAFTLESVELQQKPVNKDQCPRERPEELESGGMYHCHS GSKPTEKGANEYAYAKWKLCSSAICFIFMIAEVVGGHIAGSLAVVTDAHLLIDLTSL LLSLFSLWLSSKPPSKRLTFGWHRAEILGALLSILCIWVVTGVLVYLACERLLYPDYQI QATVMIIVSSCAVAANIVLTVVLHQRCLGHNHKEVQANASVRAAFVHALGDLFQSSISV LISALIIYFKPEYKIADPICTFIFSILVLASTITILKDFSILLMEGVPKSLNYSGVKELILAVD GVLSVHSLHIWVSLTMNQVILSAHVATAASRDSQVVRREIAKALSKSFTMHSLSLIQMES PVDQDPDCLFCEDPCD
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	SLC30A8 solute carrier family 30 (zinc transporter), member 8 [Homo sapiens]
Official Symbol	SLC30A8
Synonyms	SLC30A8; solute carrier family 30 (zinc transporter), member 8; zinc transporter 8; zinc transporter ZnT-8; ZNT8; ZnT-8;
Gene ID	169026
mRNA Refseq	NM_001172811
Protein Refseq	NP_001166282
MIM	611145
UniProt ID	Q8IWU4

SDS-PAGE

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