

Recombinant Human SLC39A14 protein, GST-tagged

Cat. No. SLC39A14-3655H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A14 protein(34-152 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	34-152 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	GAPAI SAASFLQDLI HRYGEGDSL TLQQLKALLNHLDVGVGRGNVTQH VQGHRNLS TCFSSGDLFTA HNFSEQSRIGSSELQEF CPTILQQLDSRACTSENQENEENEQTEEG RPSAVE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	SLC39A14 solute carrier family 39 (zinc transporter), member 14 [Homo sapiens]
Official Symbol	SLC39A14
Synonyms	SLC39A14; solute carrier family 39 (zinc transporter), member 14; solute carrier family 39 (metal ion transporter), member 14; zinc transporter ZIP14; KIAA0062; NET34; ZIP14; ZIP-14; Zrt-, Irt-like protein 14; zrt- and Irt-like protein 14; solute carrier family 39 member 14; LIV-1 subfamily of ZIP zinc transporter 4; cig19; LZT-Hs4;
Gene ID	23516
mRNA Refseq	NM_001128431
Protein Refseq	NP_001121903
MIM	608736
UniProt ID	Q15043

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