Recombinant Human SLC39A8 protein, GST-tagged

Cat. No. SLC39A8-1878H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A8 protein(18-143 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	18-143 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	LGGVAEGPGLAFSEDVLSVFGANLSLSAAQLQHLLEQMGAASRVGVPEPGQLHFN QCLTAEEIFSLHGFSNATQITSSKFSVICPAVLQQLNFHPCEDRPKHKTRPSHSEVW GYGFLSVTIINLAS
Purity	85%, 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	SLC39A8 solute carrier family 39 (zinc transporter), member 8 [Homo sapiens]
Official Symbol	SLC39A8
Synonyms	SLC39A8; solute carrier family 39 (zinc transporter), member 8; solute carrier family 39 (metal ion transporter), member 8; zinc transporter ZIP8; BIGM103; ZIP-8; Zrt- and Irt-like protein 8; solute carrier family 39 member 8; LIV-1 subfamily of ZIP zinc transporter 6; BCG induced integral membrane protein BIGM103; BCG-induced integral membrane protein in monocyte clone 103 protein; ZIP8; PP3105; LZT-Hs6;
Gene ID	64116
mRNA Refseq	NM_001135146
Protein Refseq	NP_001128618
MIM	608732
UniProt ID	Q9C0K1

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