

Recombinant Human SLC39A1 protein, His-tagged

Cat. No. SLC39A1-2746H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A1 protein(90-179 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	90-179 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	PDYLAAIDEALAALHVTQLQFPLQEFILAMGFFLVLMVEQITLAYKEQSGPSPLEETRAL LGTVNGGPQHWHDGPGVPQASGAPATPSALR
Purity	95%, 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 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

storage.

GENE INFORMATION

Gene Name	SLC39A1 solute carrier family 39 (zinc transporter), member 1 [Homo sapiens]
Official Symbol	SLC39A1
Synonyms	SLC39A1; solute carrier family 39 (zinc transporter), member 1; zinc/iron regulated transporter like , ZIRTL; zinc transporter ZIP1; ZIP1; ZIP-1; hZIP1; zrt- and Irt-like protein 1; solute carrier family 39 member 1; solute carrier family 39 (zinc transporter), member 3; ZIRTL;
Gene ID	27173
mRNA Refseq	NM_014437
Protein Refseq	NP_055252
MIM	604740
UniProt ID	Q9NY26

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