Recombinant Human SLC39A12 protein, His-tagged

Cat. No. SLC39A12-3614H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A12 protein(1 - 202 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1 - 202 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MCFRTKLSVSWVPLFLLLSRVFSTETDKPSAQDSRSRGSSGQPADLLQVLSAGDHP PHNHSRSLIKTLLEKTGCPRRRNGMQGDCNLCFEPDALLLIAGGNFEDQLREEVVQ RVSLLLLYYIIHQEEICSSKLNMSNKEYKFYLHSLLSLRQDEDSSFLSQNETEDILAFT RQYFDTSQSQCMETKTLQKKSGIVSSEGANE
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.

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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	SLC39A12 solute carrier family 39 (zinc transporter), member 12 [Homo sapiens]
Official Symbol	SLC39A12
Synonyms	SLC39A12; solute carrier family 39 (zinc transporter), member 12; solute carrier family 39 (metal ion transporter), member 12; zinc transporter ZIP12; FLJ30499; zrt- and Irt-like protein 12; solute carrier family 39 member 12; LIV-1 subfamily of ZIP zinc transporter 8; ZIP-12; LZT-Hs8; bA570F3.1; MGC43205; MGC51099;
Gene ID	221074
mRNA Refseq	NM_001145195
Protein Refseq	NP_001138667
MIM	608734
UniProt ID	Q504Y0

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