

Recombinant Human SLC39A1 Protein (126-179 aa), His-tagged

Cat. No. SLC39A1-1304H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A1 Protein (126-179 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Transport. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	126-179 aa
Description	Mediates zinc uptake. May function as a major endogenous zinc uptake transporter in many cells of the body. Responsible for the rapid uptake and accumulation of physiologically effective zinc in prostate cells.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	9.6 kDa
AA Sequence	MEQITLAYKEQSGPSPLEETRALLGTVNGGPQHWHDGPGVPQASGAPATPSALR
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name SLC39A1 solute carrier family 39 (zinc transporter), member 1 [Homo sapiens]

Official Symbol SLC39A1

Synonyms SLC39A1; ZIP1; ZIP-1; hZIP1; ZIRTL;

Gene ID 27173

mRNA Refseq NM_014437

Protein Refseq NP_055252

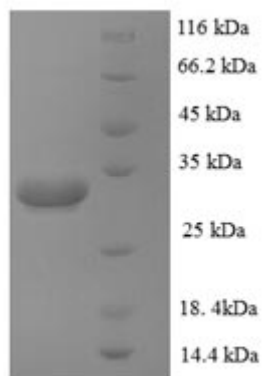
MIM 604740

UniProt ID Q9NY26

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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