

Recombinant Human SLC39A5 Protein, GST-tagged

Cat. No. SLC39A5-659H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A5 Full-Length ORF Protein (21-539 aa) is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.
Species	Human
Source	Wheat Germ
Protein Length	21-539 aa
Description	Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A5 belongs to a subfamily of proteins that show structural characteristics of zinc transporters.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	82.83 kDa
AA Sequence	VGGSVPNLGP AEQEQNH YLAQLFGLYGENGTLTAGGLARLLHSLGLGRVQGLRLG QHGPLTGRAASPAADNSTHRPQNP ELSVDVWAGMPLGPSWGDLEESKAPHLPR GPAPSGLDLLHRLLLLDHSLADHLNEDCLNGS QLLVNFGLS PAAPLTPRQFALLCPA LLYQIDSRVCIGAPAPAPPGDLLSALLQSALAVLLLSLPSLSLLLLRLLGPRLLRPLL FLGALAVGTL CGDALLHLLPHAQEGRHAGPGGLPEKDLGPGLSVLGGLFLLFVLEN MLGLLRHRGLRPRCCRRKRNRNLETRNLDPENSGMALQPLQA APEPGAQQQREK

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NSQHPPALAPPGHQGHSHGHQGGTDITWMVLLGDGLHNLTDGLAIGAAFSDGFSS
GLSTTLAVFCHELPHELGDFAILLQSGLSFRRLLLSLVSGALGLGGAVLGVGLSLG
PVPLTPWVFGVTAGVFLYVALVDMLPALLRPPEPLPTPHVLLQGLGLLLGGGLMLAIT
LLEERLLPVTTEG

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

SLC39A5 solute carrier family 39 (metal ion transporter), member 5 [Homo sapiens]

Official Symbol

SLC39A5

Synonyms

SLC39A5; ZIP-5; ZIP5; LZT-Hs7; MGC34778;

Gene ID

283375

mRNA Refseq

NM_001135195

Protein Refseq

NP_001128667

MIM

608730

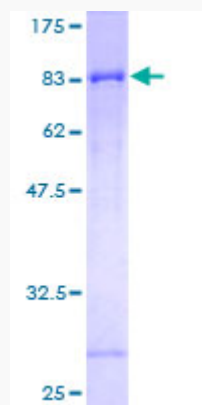
UniProt ID

Q6ZMH5

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