

Recombinant Full Length Human SLC39A5 Protein, GST-tagged

Cat. No. SLC39A5-6805HF **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	In Vitro Cell Free System
Protein Length	21-539 amino acids
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 AEQEQNHLYA QLFGLYGENG TLTAGGLARL LHSLGLGRVQ GLRLGQHGPL TGRAASPAAD NSTHRPQNPE LSVDVWAGMP LGPSGWGDLE ESKAPHLPRG PAPSGDLLH RLLLLDHSLA DHLNEDCLNG SQLLVNFGLS PAAPLTPRQF ALLCPALLYQ IDSRVCIGAP APAPPGDLLS ALLQSALAVL LLSLPSPLSL LLLRLLGPRL LRPLLGLGA LAVGTLGDA LLHLLPHAQE

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GRHAGPGGLP EKDLGPGLSV LGGLFLLFVL ENMLGLLRHR GLRPRCCRRK
 RRNLETRNLD PENGSGMALQ PLQAAPEPGA QGQREKNSQH PPALAPPGHQ
 GHSHGHQGGT DITWMVLLGD GLHNLTDLA IGAAFSDGFS SGLSTTLAVF
 CHELPHELGD FAMLLQSGLS FRRLLLLSLV SGALGLGGAV LGVGLSLGPV
 PLTPWVFGVT AGVFLYVALV DMLPALLRPP EPLPTPHVLL QGLGLLLGGG
 LMLAITLLEE RLLPVTTEG

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 member 5 [Homo sapiens (human)]

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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