

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 AEQEQNHLYL QLFGLYGENG TLTAGGLARL LHSLGLGRVQ
 GLRLGQHGPL TGRAASPAAD NSTHRPQNPE LSVDVWAGMP LGPSGWGDLE
 ESKAPHLPRG PAPSGDLLH RLLLLDHSLA DHLNEDCLNG SQLLVNFGLS
 PAAPLTPRQF ALLCPALLYQ IDSRVCIGAP APAPPGDLLS ALLQSALAVL
 LLSLPSPLSL LLLRLLGPRL LRPLLGFLGA LAVGTLGDA LLHLLPHAQE

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GRHAGPGGLP EKDLGPGLSV LGGLFLLFVL ENMLGLLRHR GLRPRCCRRK
 RRNLETRNLD PENGSGMALQ PLQAAPEPGA QGQREKNSQH PPALAPPGHQ
 GHSHGHQGGT DITWMVLLGD GLHNLTDGLA IGAAFSDGFS SGLSTTLAVF
 CHELHELGD 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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