

Recombinant Full Length Human SLC39A10 Protein, GST-tagged

Cat. No. SLC39A10-6819HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A10 Full-Length ORF Protein (1-831 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
ProteinLength	831 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. SLC39A10 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	120.5 kDa
AA Sequence	MKVHMHMHTKFCLICLLTFIFHHHCNHCHEEHDHGPEALHRQHRGMTELEPSKFSKQAA ENEKKYYIEKLFERYGENGRLSFFGLEKLLTNLGLGERKVVVEINHEDLGHDHVSHLDI LAVQEGKHFHSHNHQSHNHLNSENQTVTSVSTKRNHKKCDPEKETVEVSVKSDDK HMHDHNNHRLRHHHRLHHHLDHNNTHHFHND SITP SERGEPSNEPSTETNKTQEQS

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DVKLPKGKRKKKGRKSNENSEVITPGFPPNHDQGEQYEHNRVHKPDRVHNPBGHSH
 VHLPERNGHDPGRGHQDLDPDNEGELRHTRKREAPHVKNNAIISLRKDLNEDDHHH
 ECLNVTQLLKYYGHGANSPISTDLFTYLCALLYQIDSRLCIEHFDKLLVEDINKDKNL
 VPEDEANIGASAWICGIISITVISLLSLLGVILVPIINQGCCKFLLTFLVALAVGTMSGDAL
 LHLLPHSQGGHDHSHQHAHGHGSHGHESNKFLEEYDAVLKGLVALGGIYLLFIIIEH
 CIRMFKHYKQQRGKQKWFMKQNTTEESTIGRKLSDHKLNNTPDSDWLQLKPLAGTD
 DSVVSEDRLNETELTDLEGQQESPPKNYLCIEEEKIIDHSHSDGLHTIHEHDLHAAA
 NHHGENKTVLRKHNHQWHHKHSHHSGPCHSGSDLKETGIANIAWMVIMGDGIHN
 FSDGLAIGA AFSAGLTGGISTSIAVFCHELPHLGDFAVLLKAGMTVKQAIVYNLLSA
 MMAYIGMLIGTAVGQYANNITLWIFAVTAGMFLYVALVDMLPEMLHGDGDNEEHGF
 CPVGQFILQNLGLLFGFAIMLVIALYEDKIVFDIQF

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

SLC39A10 solute carrier family 39 (zinc transporter), member 10 [Homo sapiens]

Official Symbol

SLC39A10

Synonyms

SLC39A10; DKFZp564L2123; FLJ90515; KIAA1265; ZIP-10; LZT-Hs2; MGC126565;
 MGC138428; DKFZp781L10106;

Gene ID

57181

mRNA Refseq

NM_001127257

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Protein Refseq	NP_001120729
MIM	608733
UniProt ID	Q9ULF5

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