

Recombinant Human SLC39A14 Protein

Cat. No. SLC39A14-681H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A14 Full-Length ORF Protein is produced by Wheat Germ (in vitro) expression system.
Species	Human
Source	Wheat Germ
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. SLC39A14 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).
Form	Liquid, 25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	53 kDa
AA Sequence	MKLLLLHPAFQSCLLLTLLGLWRTTPEAHASSPGAPAISAASFLQDLIHYRGEGDSLTLQQLKALLNHLVDVGVRGNVTQHVQGHRNLSTCFSSGDLFTAHNFSEQSRIGSSELQEFCTILQQLDSEACTSENQENEENEQTEEGRPSAVEVWGYGLLCVTVISLCSLLGASVVPFMKKTFYKRLLLYFIALAIGTLYSNALFQLIPEAFGFNPLEDYVVSASVVFSGFYLFFFTKILKILLKQKNEHHHGHSHYASESLPSKKDQEEGVMEKLQNGDLDMIPQHCSSELDGKAPMVDEKIVVGSLSVQDLQASQSACYWLKGVRYSDIGTLAWMITLS DGLHNFIDGLAIGASFTVSVFQGISTSVAILCEEFPHELGDVILLNAGMSIQQALFFNF LSACCCYLGLAFGILAGSHFSANWIFALAGGMFLYISLADMMEFCSVAQAGVQWCH

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LSSLQPLPLGLKRLSCLSLPSN

Applications

Antibody Production

Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

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

SLC39A14 solute carrier family 39 (zinc transporter), member 14 [Homo sapiens]

Official Symbol

SLC39A14

Synonyms

SLC39A14; KIAA0062; NET34; ZIP14; ZIP-14; cig19; LZT-Hs4;

Gene ID

23516

mRNA Refseq

NM_001128431

Protein Refseq

NP_001121903

MIM

608736

UniProt ID

Q15043

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