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	MKLLLLHPAFQSCLLLTLLGLWRTTPEAHASSPGAPAISAASFLQDLIHRYGEGDSLT LQQLKALLNHLDVGVGRGNVTQHVQGHRNLSTCFSSGDLFTAHNFSEQSRIGSSEL QEFCPTILQQLDSRACTSENQENEENEQTEEGRPSAVEVWGYGLLCVTVISLCSLLG ASVVPFMKKTFYKRLLLYFIALAIGTLYSNALFQLIPEAFGFNPLEDYYVSKSAVVFGG FYLFFFTEKILKILLKQKNEHHHGHSHYASESLPSKKDQEEGVMEKLQNGDLDHMIP QHCSSELDGKAPMVDEKVIVGSLSVQDLQASQSACYWLKGVRYSDIGTLAWMITLS DGLHNFIDGLAIGASFTVSVFQGISTSVAILCEEFPHELGDFVILLNAGMSIQQALFFNF LSACCCYLGLAFGILAGSHFSANWIFALAGGMFLYISLADMMEFCSVAQAGVQWCH

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA