

Proteoliposomes

Full-Length

SLC39A14 (Human) Recombinant Protein

Catalog # H00023516-G01

Size 2 ug

Specification

Product Description

Human SLC39A14 full-length ORF (ADZ15405.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MKLLLLHPAFQSCLLLTLLGLWRTTPEAHASSPGAPAISAASFLQDLIHRYGEGDSLTLQQLKALLN
HLDVGVGRGNVTQHVQGHRNLSTCFSSGDLFTAHNFSEQSRIGSSELQEFCTILQQLSRACTS
ENQENEENEQTEEGRPSAVEVWGYLLCCTVISLCSLLGASVVPFMKKTFFYKRLLLYFIALAIGTLY
SNALFQLIPEAFGFNPLEDYYVSKSAVVFGGFYFFFTEKILKILLKQKNEHHHGHSHYASESLPSK
KDQEEGVMEKLQNGDLDHMPQHCSSELDGKAPMVDEKVIVGSLSVQDLQASQSACYWLKGVR
YSDIGTLAWMITLSDGLHNFIDGLAIGASFTVSVFQGISTVAILCEEFPHELGD FVILLNAGMSIQQA
LFFNFLSACCCYLGLAFGILAGSHFSANWIFALAGGMFLYISLADMMEFCSVAQAGVQWCHLSSL
QPLPLGLKRLSCLSLPSN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

53

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

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

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — SLC39A14

Entrez GeneID	23516
GeneBank Accession#	JF432188.1
Protein Accession#	ADZ15405.1
Gene Name	SLC39A14
Gene Alias	KIAA0062, LZT-Hs4, ZIP14, cig19
Gene Description	solute carrier family 39 (zinc transporter), member 14
Omim ID	608736
Gene Ontology	Hyperlink
Gene Summary	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]).[supplied by OMIM]
Other Designations	LIV-1 subfamily of ZIP zinc transporter 4 Zinc transporter ZIP14 Zrt-, Irt-like protein 14 solute carrier family 39 (metal ion transporter), member 14

Disease

- [Abortion](#)
- [Genetic Predisposition to Disease](#)