Recombinant Human SLC39A7 Protein (1-469 aa), GST-tagged

Cat. No. SLC39A7-657H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A7 Full-Length ORF Protein (1-469 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	Wheat Germ
ProteinLength	1-469 aa
Description	Zinc is an essential cofactor for more than 50 classes 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. Zinc cannot passively diffuse across cell membranes and requires specific transporters, such as SLC39A7, to enter the cytosol from both the extracellular environment and from intracellular storage compartments.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	77.11 kDa
AA Sequence	MARGLGAPHWVAVGLLTWATLGLLVAGLGGHDDLHDDLQEDFHGHSHRHSHEDF HHGHSHAHGHGHTHESIWHGHTHDHDHGHSHEDLHHGHSHGYSHESLYHRGHG HDHEHSHGGYGESGAPGIKQDLDAVTLWAYALGATVLISAAPFFVLFLIPVESNSPR HRSLLQILLSFASGGLLGDAFLHLIPHALEPHSHHTLEQPGHGHSHSGQGPILSVGL

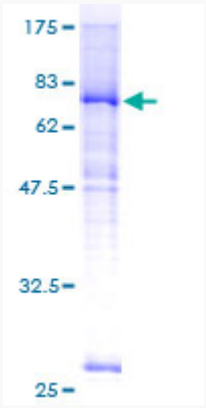
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	WVLSGIVAFLVVEKFVRHVKGGHGHSHGHGHAHSHTRGSHGHGRQERSTKEKQS SEEEEKETRGVQKRRGGSTVPKDGPVRPQNAEEEKRGLDLRVSGYLNLAADLAHN FTDGLAIGASFRGGRGLGILTTMTVLLHEVPHEVGDFAILVQSGCSKKQAMRLQLLT AVGALAGTACALLTEGGAVGSEIAGGAGPGWVLPFTAGGFIYVATVSVLPELLREAS PLQSLLEVLGLLGGVIMMVLIAHLE
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	SLC39A7 solute carrier family 39 (zinc transporter), member 7 [Homo sapiens]
Official Symbol	SLC39A7
Synonyms	SLC39A7; D6S2244E; H2 KE4; KE4; RING5; ZIP7; HKE4; H2-KE4; D6S115E;
Gene ID	7922
mRNA Refseq	NM_001077516
Protein Refseq	NP_001070984
MIM	601416
UniProt ID	Q92504

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12.5% SDS-PAGE Stained with Coomassie Blue.

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