Recombinant Human SLC39A7 Protein, His-tagged

Cat. No. SLC39A7-2697H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC39A7 Protein (Ile171-Glu469) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile171-Glu469
Description	The protein encoded by this gene transports zinc from the Golgi and endoplasmic reticulum to the cytoplasm. This transport may be important for activation of tyrosine kinases, some of which could be involved in cancer progression. Therefore, modulation of the encoded protein could be useful as a therapeutic agent against cancer. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.1 kDa Accurate Molecular Mass: 35&18 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	SLC39A7 solute carrier family 39 (zinc transporter), member 7 [Homo sapiens (human)]
Official Symbol	SLC39A7
Synonyms	SLC39A7; solute carrier family 39 (zinc transporter), member 7; HKE4, HLA class II region expressed gene KE4; zinc transporter SLC39A7; D6S2244E; H2 KE4; KE4; RING5; ZIP7; Ke4 gene, mouse, human homolog of; solute carrier family 39 member 7; histidine-rich membrane protein Ke4; really interesting new gene 5 protein; HLA class II region expressed gene KE4; HKE4; H2-KE4; D6S115E;
Gene ID	7922
mRNA Refseq	NM_001077516
Protein Refseq	NP_001070984

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MIM	601416
UniProt ID	Q92504

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