

Recombinant Human SLC39A7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SLC39A7-6546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SLC39A7 MS Standard C13 and N15-labeled recombinant protein (NP_001070984) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	50.1 kDa
AA Sequence	MARGLGAPHWWAVGLLTWATLGLLVAGLGGHDDLHDDLQEDFHGHSHRHSHEDF HHGHSHAHGHGHTHESIWHGHTHDHDHGHSHEDLHHGHSHGYSHESLYHRGHG HDHEHSHGGYGESGAPGIKQDLDAVTLWAYALGATVLISAAPFFVLFLIPVESNSPR HRSLLQILLSFASGGLLGDAFLHLIPHAPHSHHTLEQPGHGHSHSGQGPILSVGL WVLSGIVAFLLVVEKFVRHVKGHGHSHGHGHAHSHTRGSHGHGRQERSTKEKQS SEEEKETRQVQKRRGGSTVPKDGVPVRPQNAEEKRGDLRVSGYLNLAADLAHN FTDGLAIGASFRGGRGLGILTTMTVLLHEVPHEVGDFAILVQSGCSKKQAMRLQLLT AVGALAGTACALLTEGGAVGSEIAGGAGPGWVLPFTAGGFIYVATVSVLPPELLREAS

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PLQSLLEVLGLLGGVIMMVLIHLETRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [SLC39A7 solute carrier family 39 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

SDS-PAGE



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