

Product datasheet for **TP313722M**

SLC39A7 (NM_001077516) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human solute carrier family 39 (zinc transporter), member 7 (SLC39A7), transcript variant 2, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC213722 protein sequence

Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MARGLGAPHWVAVGLLTWATLGLLVAGLGGHDDLHDDLQEDFHGHSHRSHSHEDFHHGHSHAHGHGHTHES
IWHGHTHDHDHGHSHEDLHHGHSHGYSHESLYHRGHGHDHEHSHGGYGESGAPGIKQDLDAVTLWAYALG
ATVLISAAPFFVFLIPVESNSPRHRSLLQILLSFASGGLLGDAFLHLIPHAPHSHHTLEQPGHGHSH
SGQGPILSVGLWVLSGIVAFVVEKFRVHVKGHGHSHGHGHAHSHTRGSHGHGRQERSTKEKQSSEEEE
KETRGVQKRRGGSTVPKDGVPVQPNAEEKRGDLRVSGYLNLAADLAHNFTDGLAIGASFRGGRGLGIL
TTMTVLLHEVPHEVGDFAILVQSGCSKKQAMRLQLLTAVGALAGTACALLTEGGAVGSEIAGGAGPGWVL
PFTAGGFIYVATVSVLPELLREASPLQSLLEVLGLLGGVIMMVLIAHLE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 49.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001070984](#)

Locus ID: 7922

UniProt ID: [Q92504](#), [A0A024RCX7](#)

RefSeq Size: 2172

Cytogenetics: 6p21.32

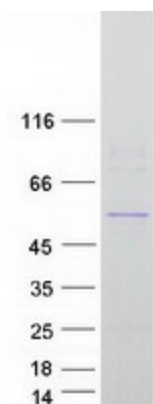
RefSeq ORF: 1407

Synonyms: D6S115E; D6S2244E; H2-KE4; HKE4; KE4; RING5; ZIP7

Summary: 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. [provided by RefSeq, Jan 2014]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified SLC39A7 protein (Cat# [TP313722]). The protein was produced from HEK293T cells transfected with SLC39A7 cDNA clone (Cat# [RC213722]) using MegaTran 2.0 (Cat# [TT210002]).