

Recombinant Full Length Mouse Zinc Transporter Zip6(Slc39A6) Protein, His-Tagged

Cat. No. RFL25103MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Zinc transporter ZIP6(Slc39a6) Protein (Q8C145) (21-765aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length (21-765)

Form

Lyophilized powder

AA Sequence

LHELQSTAAFSQTTEKINSNWEPGVNVDLAVTMQRHHLQQLFYRYGENDSLVSVEGF
 RKLL QNIGIDKIKRVHIIHDHEHHADHEHHSDEHHSDEHHSDEHHSDEHHSDEHHSDEHHS
 HEHSHRS HTVAGKNNRKAFCPLDSDNSGKNPRTSLGKGSRPAEHMNGRRNIK
 ESASSEVTSAVYN AVSEGTRFVETIETPKPGRRTKDVNPSTPPSITEKSRVGRLSR
 LARKKSNEVSEPRKSF MYSRNTNDNIQECFNNTKLLTSHGMSIQALLNATEFNLYC
 PAIINQIDARACLIHTASEK KAEIPPKTYSLQIAWLGGFIAISIISFLSLLGVILVPLMNRV
 FFKFLLSFLVALAVGTLG GDALLHLLPHSHASHQHSHSHEEPAMEMKRGPLFSHLS
 AQNIEESSYFDSTWKGLTALGG LYFMFLVEHVLTLLIKQFKDKKKKNQKKPENDEDEVE
 SKKQLSKYDSQLSSNEEKVDPGERP ESYLRADSQEPSPFDSQQPTMLEEEVMI
 HAHPQEVYNEYVPRGCKNKCHSHFHDTLGQ SDDLIIHHHDYHHILHHHHHQNHP
 HSHSQRYSREELKDAGIATLAWMVIMGDGLHNFSD GLAIGAAFTEGLSSGLSTSV
 VFCHELPHELGDFAVLLKAGMTVKQAVLYNALSAMLAYL GMATGIFIGHYAENVSM

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WIFALTAGLFMYVALVDMVPEMLHNDASDHGCSRWGYFFLQNA GILLGFGIMLLISI
FEHKIVFRINF

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Slc39a6

Synonyms Slc39a6; Zip6; Zinc transporter ZIP6; Endoplasmic reticulum membrane-linked protein; Ermelin; Solute carrier family 39 member 6; Zrt- and Irt-like protein 6; ZIP-6

UniProt ID [Q8C145](https://www.uniprot.org/entry/Q8C145)

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