

Recombinant Full Length Mouse Zinc Transporter Slc39A7(Slc39A7) Protein, His-Tagged

Cat. No. RFL14096MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Zinc transporter SLC39A7(Slc39a7) Protein (Q31125) (1-476aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-476)
Form	Lyophilized powder
AA Sequence	MTMGLRAPHWVAVGLLTWAALGLLVAGHEGHGDLHKDVEEDFHGHSHGHSHEDF HHGHSH GHSHEDFHHGHGHGTHESIWHGHAHSHDHGHSREELHHGHSHGHSHDS LHHGGHGHHAHREH SHGTSREAGAPGIKHHLDTVTLWAYALGATVLISAAPFFVLFLI PVESNSPRHRSLLQIL LSFASGGLLGDAFLHLIPHAPHSHHAPEQPGHGHSHSG QGPILSVGLWVLSGIVAFLV VEKVRHVVKGGHGHSHGHGDRHAHGDSTHGDRE CSSKEKPSTEEKEVGGRLKRRGGN TGPRDGPVKPQSPEEEKAGSDLRVSGYLN AADLAHNFTDGLAIGASFRGGRGLGILTTM TVLLHEVPHEVGDFAILVQSGCSKKQA MRLQLVTAIGALAGTACALLTEGGAVDSDVAGG AGPGWVLPFTAGGFIYVATVSVL PELLREASPLQSLLEVLGLLGGVAMMVLIHLE
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	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	Slc39a7
Synonyms	Slc39a7; H2-Ke4; Hke4; Zinc transporter SLC39A7; Histidine-rich membrane protein Ke4; Solute carrier family 39 member 7; Zrt-, Irt-like protein 7; ZIP7
UniProt ID	Q31125