

Recombinant Full Length Mouse Zinc Transporter Zip4(Slc39A4) Protein, His-Tagged

Cat. No. RFL4727MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Zinc transporter ZIP4(Slc39a4) Protein (Q78IQ7) (23-660aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length of Mature Protein (23-660)
Form	Lyophilized powder
AA Sequence	RPRNLLSLLALGQGALDRLELDGLLNTLVARVHCTDGPCEKCLSVENVLALGKPDKP QPA PESVLESRHIIYLSAAAALYNNPEKTCKDIQAGLLASHVDDYLATLESPEAMTL GLSQL LQKIEAHAASQPTGEKTCVDLPQLLEEAEAAGVSKSAGLVLTALLDHVINGS CFQGLPSP QYFVDFVFRHLHSSDPPNITLHELENLMHHLGVGGEDHSDHDDHGDHA DHSHPDRKASHQD SELHTPHNSNSSVWDTLCLSAKDIMAVYGLSEEAGVSPQAWA QLTPALVQQQLSGACSPY PTIRIQDQLSQTERYLYGSLATLLICLCAVFGLLLLTCAK CSTATHYIMQTFLSLAVGAL TGDALLHLIPKVLGLHTHGGEGHTHEEEVGVGGQAT WRLLAVLGGFYIFFLFESFFNLLL PRDQDSEKDGPCSHGGHSHGISLQLAPSNLRQS KQTHESSRSDLVAEETPELLNPETRRRL RAE LRLLPYLITLGDAVHNFADGLAVGA AF SSSWKTGLATSLAVFCHELPHELGDFAALL HAGLSVKRALLNLASALTAFAGLYVA LAVGVGEEGEAWILAVATGLFLYVALCDMLPAM MNVRDQRPWLLFLLHNVGLLGG WTVLLLLSLYEDNITF

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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	Slc39a4
Synonyms	Slc39a4; Zip4; Zinc transporter ZIP4; Activated in W/W ^v mouse stomach 2; mAWMS2; Solute carrier family 39 member 4; Zrt- and Irt-like protein 4; ZIP-4
UniProt ID	Q78IQ7