

Recombinant Full Length Human Solute Carrier Family 40 Member 1(Slc40A1) Protein, Tag-Free

Cat. No. RFL17079HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Solute carrier family 40 member 1(SLC40A1) Protein (Q9NP59) (1-571aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-571)
Form	Lyophilized powder
AA Sequence	MTRAGDHNRRQRGCCGSLADYLTSAKFLLYLGHSLSTWGD RMWHFAVSVFLVELYGN NSLLLTAVYGLVVAGSVLVLGAIIGDWVDKNARLKVAQTSLVVQNVSVILCGIILMMVF LHKHELLTMYHGWLTSCYILIITIANIANLASTATAITIQRDWIVVAGEDRSKLANMN ATIRRIDQLTNILAPMAVGQIMTFGSPVIGCGFISGWNLVSMCVEYVLLWKVYQKTPA LAVKAGLKEEETELKQLNLHKDTEPKPLEGTHLMGVKDSNIHELEHEQEPTCASQMA EPFRTFRDGWVSYYNQPVFLAGMGLAFLYMTVLGFDCITTGYAYTQGLSGSILSILM GASAITGIMGTVAFTWLRRKCGLVRTGLISGLAQLSCLILCVISVFMPGSPDLDSVSPF EDIRSRFIQGESITPTKIPEITTEIYMSNGSNSANIVPETSPEVPIISVSLLFAGVIAARI GLWSFDLTVTQLLQENVIESERGIINGVQNSMNYLLDLLHFIMVILAPNPEAFGLLVVIS VSFVAMGHIMYFRFAQNTLGNKLFACGPDAKEVRKENQANTSVV Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.

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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	SLC40A1
Synonyms	Ferroportin 1; Ferroportin; Ferroportin-1; FPN1; HFE4; IREG1; iron regulated gene 1; Iron regulated transporter 1 ; Iron-regulated transporter 1; MST079; MSTP079; MTP1; putative ferroportin 1 variant IIIA; putative ferroportin 1 variant IIIB; S40A1_HUMAN;
UniProt ID	Q9NP59

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