

Recombinant Full Length Human SLC40A1 Protein, N-GST-tagged

Cat. No. SLC40A1-26HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SLC40A1 Protein, fused to GST-tag at N-terminus, was expressed in Wheat Germ(in vitro).
Species	Human
Source	Wheat Germ
ProteinLength	1-571 a.a
Description	The protein encoded by this gene is a cell membrane protein that may be involved in iron export from duodenal epithelial cells. Defects in this gene are a cause of hemochromatosis type 4 (HFE4).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	88.9 kDa
AA Sequence	MTRAGDHNRRQRGCCGSLADYLTSAKFLLYLGHSLSTWGDRMWHFAVSVFLVELYGN NSLLLTAVYGLVVAGSVLVLGAIIGDWVDKNARLKVAQTSLVVQNVSVILCGIILMMVF LHKHELLTMYHGWLTSCYILIITIANIANLASTATAITIQRDWIVVVAGEDRSKLANMN ATIRRIDQLTNILAPMAVGQIMTFGSPVIGCGFISGWNLVSMCVEYVLLWKVYQKTPA LAVKAGLKEEETELKQLNLHKDTEPKPLEGTHLMGVKDSNIHELEHEQEPTCASQMA EPFRTFRDGWVSYYNQPVFLAGMGLAFLYMTVLGFDCITTGYAYTQGLSGSILSILM GASAITGIMGTVAFTWLRRKCGLVRTGLISGLAQLSCLILCVISVFMPGSPDLDSVSPF

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EDIRSRFIQGESITPTKIPEITTEIYMSNGSNSANIVPETSPESVPIISVSLLFAGVIAARI
GLWSFDLTVTQLLQENVIESERGIINGVQNSMNYLLDLLHFIMVILAPNPEAFGLLVLI
VSFVAMGHIMYFRFAQNTLGNKLFACGPDAKEVRKENQANTSVV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

SLC40A1 solute carrier family 40 member 1 [Homo sapiens (human)]

Official Symbol

SLC40A1

Synonyms

FPN; FPN1; HFE4; MTP1; IREG1; MST079; MSTP079; SLC11A3

Gene ID

<https://www.ncbi.nlm.nih.gov/gene/30061>

mRNA Refseq

NM_014585.6

Protein Refseq

NP_055400.1

MIM

604653

UniProt ID

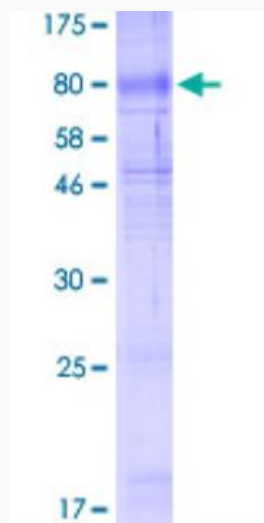
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SDS-PAGE



12.5% SDS-PAGE Stained with Coomassie Blue.

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