

Recombinant Full Length Human FLVCR1 Protein, GST-tagged

Cat. No. FLVCR1-4968HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLVCR full-length ORF (AAH48312.1, 1 a.a. - 555 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	555 amino acids
Description	This gene encodes a member of the major facilitator superfamily of transporter proteins. The encoded protein is a heme transporter that may play a critical role in erythropoiesis by protecting developing erythroid cells from heme toxicity. This gene may play a role in posterior column ataxia with retinitis pigmentosa and the hematological disorder Diamond-Blackfan syndrome. [provided by RefSeq, Jan 2011]
Molecular Mass	86.3 kDa
AA Sequence	MARPDDEEGAAVAPGHPLAKGYLPLPRGAPVGKESVELQNGPKAGTFPVNGPPRD SLAAASGVLGGPQTPLAPEEETQARLLPAGAGAETPGAESSPLPLTALSPRRFVLLI FSLYSLVNAFQWIQYSIISNVFEGFYGVTLHIDWLSMVYMLAYVPLIFPATWLLDTRG LRLTALLGSGLNCLGAWIKCGSVQQHLFWVTMLGQCLCSVAQVFILGLPSRIASVWF GPKEVSTACATAVLGNQLGTAVGFLLPPVLPNTQNDTNLLACNISTMFYGTSAVAT LLFILTAIAFKEKPRYPPSQAQAALQDSPPEEYSYKKSIRNLFKNIPFVLLITYGIMTG AFYSVSTLLNQMILTYEYEGEEVNAGRIGLTLVVAGMVGSILCGLWLDYTKYKQTTLI VYILSFIGMVIFTFTLDLRYIIIVFVTGGVLGFFMTGYLPLGFEFAVEITYPESEGTSSGL

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	LNASQIFGILFTLAQGKLTSDYGPKAGNIFLCVWMFIGIILTALIKSDLRRHNINIGITN VDVKAIPADSPTDQEPKMVMLSKQSESAI
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.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FLVCR1 feline leukemia virus subgroup C cellular receptor 1 [Homo sapiens]
Official Symbol	FLVCR1
Synonyms	FLVCR1; feline leukemia virus subgroup C cellular receptor 1; ataxia, posterior column 1, with retinitis pigmentosa, AXPC1; feline leukemia virus subgroup C receptor-related protein 1; FLVCR; MFSD7B; PCA; AXPC1; PCARP; FLJ33420;
Gene ID	28982
mRNA Refseq	NM_014053
Protein Refseq	NP_054772
MIM	609144

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UniProt ID

Q9Y5Y0

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