Recombinant Human FLVCR2 Protein

Cat. No. FLVCR2-4382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLVCR2 full-length ORF (ADZ16022.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the major facilitator superfamily. The encoded transmembrane protein is a calcium transporter. Unlike the related protein feline leukemia virus subgroup C receptor 1, the protein encoded by this locus does not bind to feline leukemia virus subgroup C envelope protein. The encoded protein may play a role in development of brain vascular endothelial cells, as mutations at this locus have been associated with proliferative vasculopathy and hydranencephaly-hydrocephaly syndrome. Alternatively spliced transcript variants have been described.[provided by RefSeq, Aug 2010]
Form	Liquid
Molecular Mass	57.9 kDa
AA Sequence	MVNEGPNQEESDDTPVPESALQADPSVSVHPSVSVHPSVSINPSVSVHPSSSAHPS ALAQPSGLAHPSSSGPEDLSVIKVSRRRWAVVLVFSCYSMCNSFQWIQYGSINNIFM HFYGVSAFAIDWLSMCYMLTYIPLLLPVAWLLEKFGLRTIALTGSALNCLGAWVKLGS LKPHLFPVTVVGQLICSVAQVFILGMPSRIASVWFGANEVSTACSVAVFGNQLGIAIG FLVPPVLVPNIEDRDELAYHISIMFYIIGGVATLLLILVIIVFKEKPKYPPSRAQSLSYALT SPDASYLGSIARLFKNLNFVLLVITYGLNAGAFYALSTLLNRMVIWHYPGEEVNAGRI

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	GLTIVIAGMLGAVISGIWLDRSKTYKETTLVVYIMTLVGMVVYTFTLNLGHLWVVFITA GTMGFFMTGYLPLGFEFAVELTYPESEGISSGLLNISAQVFGIIFTISQGQIIDNYGTKP GNIFLCVFLTLGAALTAFIKADLRRQKANKETLENKLQEEEEESNTSKVPTAVSEDHL
Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	FLVCR2 feline leukemia virus subgroup C cellular receptor family, member 2 [Homo sapiens]
Official Symbol	FLVCR2
Synonyms	FLVCR2; feline leukemia virus subgroup C cellular receptor family, member 2; C14orf58, chromosome 14 open reading frame 58, feline leukemia virus subgroup C cellular receptor 2; feline leukemia virus subgroup C receptor-related protein 2; FLJ20371; MFSD7C; calcium-chelate transporter; CCT; EPV; PVHH; C14orf58; FLVCRL14q;
Gene ID	55640

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mRNA Refseq	NM_017791
Protein Refseq	NP_060261
MIM	610865
UniProt ID	Q9UPI3

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