

Recombinant Full Length Human FLVCR2 Protein

Cat. No. FLVCR2-4971HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLVCR2 full-length ORF (ADZ16022.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	192 amino acids
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	MVNEGPNQEESSDDTPVPESALQADPSVSVHPSVSVHPSVSINPSVSVHPSSSAHPS ALAQPSSGLAHPSSSGPEDLSVIKVSRRRWAVVLVFSCYSMCNSFQWIQYGSINNIFM HFYGVSAFAIDWLSMCYMLTYIPLLLPVAWLLEKFGLRTIALTGSA LNCLGAWVKLGS LKPHLFPVTVVGQLICSVAQVFILGMPSRIASVWFGANEVSTACSVAVFGNQLGIAIG

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FLVPPVLVPNIEDRDELAYHISIMFYIIGGVATLLLILVIIVFKEKPKYPPSRAQSLSYALT
 SPDASYLGSIARLFKNLNFVLLVITYGLNAGAFYALSTLLNRMVIWHYPGEEVNAGRI
 GLTIVIAGMLGAVISGIWLDRSKTYKETTLVVYIMTLVGMVVYTFTLNLGHLWVVFITA
 GTMGFFMTGYLPLGFEFAVELTYPESEGISSGLLNISAQVFGIIFTISQGQIIDNYGTKP
 GNIFLCVFLTGAALTAFIKADLRRQKANKETLENKLQEEEEESNTSKVPTAVSEDHL

Applications

Antibody Production
 Functional Study
 Compound Screening

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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