Recombinant Human FLVCR2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FLVCR2-1984H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FLVCR2 MS Standard C13 and N15-labeled recombinant protein (NP_060261) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	57.2 kDa
AA Sequence	MVNEGPNQEESDDTPVPESALQADPSVSVHPSVSVHPSVSINPSVSVHPSSSAHPS ALAQPSGLAHPSSSGPEDLSVIKVSRRRWAVVLVFSCYSMCNSFQWIQYGSINNIFM HFYGVSAFAIDWLSMCYMLTYIPLLLPVAWLLEKFGLRTIALTGSALNCLGAWVKLGS LKPHLFPVTVVGQLICSVAQVFILGMPSRIASVWFGANEVSTACSVAVFGNQLGIAIG FLVPPVLVPNIEDRDELAYHISIMFYIIGGVATLLLILVIIVFKEKPKYPPSRAQSLSYALT

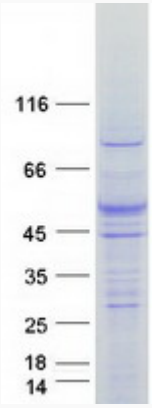
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	SPDASYLGSIARLFKNLNFVLLVITYGLNAGAFYALSTLLNRMVIWHYPGEEVNAGRI GLTIVIAGMLGAVISGIWLDRSKTYKETTLVVYIMTLVGMVVYTFTLNLGHLWVVFITA GTMGFFMTGYLPLGFEFAVELTYPESEGISSGLLNISAQVFGIIFTISQGQIIDNYGTKP GNIFLCVFLTLGAALTAFIKADLRRQKANKETLENKLQEEEEESNTSKVPTAVSEDHL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FLVCR2 FLVCR heme transporter 2 [Homo sapiens (human)]
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
SDS-PAGE	

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