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Product datasheet for PH305665

FLVCR2 (NM_017791) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FLVCR2 MS Standard C13 and N15-labeled recombinant protein (NP_060261)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205665
Predicted MW:	57.2 kDa
Protein Sequence:	>RC205665 protein sequence Red=Cloning site Green=Tags(s) MVNEGPNQEESDDTPVPESALQADPSVSVHPSVSVHPSVSINPSVSVHPSSSAHPSALAQPSGLAHPSSS GPEDLSVIKVSRRRWAVVLVFSCYSMCNSFQWIQYGSINNIFMHFYGVSAFAIDWLSMCYMLTYIPLLLP VAWLLEKFGLRTIALTGSALNCLGAWVKLGSLKPHLFPVTVVGQLICSVAQVFILGMPSRIASVWFGANE VSTACSVAVFGNQLGIAIGFLVPPVLVPNIEDRDELAYHISIMFYIIGGVATLLLILVIIVFKEKPKYPP SRAQSLSYALTSPDASYLGSIARLFKNLNFVLLVITYGLNAGAFYALSTLLNRMVIWHYPGEEVNAGRIG LTIVIAGMLGAVISGIWLDRSKTYKETTLVVYIMTLVGMVVYTFTLNLGHLWVVFITAGTMGFFMTGYLP LGFEFAVELTYPESEGISSGLLNISAQVFGIIFTISQGQIIDNYGTKPGNIFLCVFLTLGAALTAFIKAD LRRQKANKETLENKLQEEEEESNTSKVPTAVSEDHL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060261
RefSeq Size:	3669
RefSeq ORF:	1578

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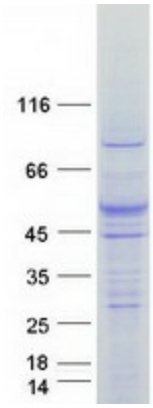
Synonyms:	C14orf58; CCT; EPV; FLVCRL14q; MFSD7C; PVHH; SLC49A2
Locus ID:	55640
UniProt ID:	Q9UPI3
Cytogenetics:	14q24.3
Summary:	This gene encodes a member of the major facilitator superfamily. The encoded transmembrane protein is a calcium transporter. Unlike the related protein feline leukemia virus 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]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified FLVCR2 protein (Cat# [TP305665]). The protein was produced from HEK293T cells transfected with FLVCR2 cDNA clone (Cat# [RC205665]) using MegaTran 2.0 (Cat# [TT210002]).