

Product datasheet for **SC322634**

FLVCR (FLVCR1) (NM_014053) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FLVCR (FLVCR1) (NM_014053) Human Untagged Clone
Tag:	Tag Free
Symbol:	FLVCR
Synonyms:	AXPC1; FLVCR; MFSD7B; PCA; PCARP; SLC49A1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for SC322634
 GGCGCGCCACCGGGAAGGAGCGGTGGGCCGAGGGGTTGGAGGTGGGGTCCCAGGAGG
 ACCTCGGGCTGTGGGCCGGGAGAGCGGAGTCCGGGAGTGGGGCGGGGAGCGAGGTGGCG
 CCGGGGAGCCTGGGATATGGCGCGGCCAGACGATGAGGAGGGGGCGGCGGTGGCGCCCG
 ACACCCGCTCGCAAAGGATACCTCCCCTTCCGAGGGGCGGCCCGTTGGGAAGGAGAG
 CGTGGAGCTGCAGAACGGGCCAAAGCGGGCACCTTCCCGGTGAATGGGCCCCCGGGA
 CAGCCTCGCTGCCGCTCGGGAGTTCTGGGCGGGCCTCAGACTCCACTGGCCCCAGAAGA
 GGAGACCCAGGCCCGGTGCTGCCTGCGGGCGCGGGAGCTGAGACCCCGGGGGCCGAGAG
 CAGCCCGCTGCCCTTACGGCGCTCTCCCGCGGCGCTTCGTGGTCTCTGATCTTCAG
 CCTGACTCGCTGGTCAACGCCTTTCAGTGGATCCAGTACAGCATCATTAGCAACGTCTT
 CGAGGGCTTCTACGGTGTACCTTGCTGCACATCGACTGGCTGTCCATGGTGTACATGCT
 GGCCTACGTGCCCTCATCTTCCCGGCCACCTGGCTGCTGGACACCAGAGGCTGCGGCT
 CACCGCCTGCTGGGCTCCGGCCTCAACTGCCTGGGTGCCTGGATCAAGTGGGCGAGTGT
 GCAGCAGCATCTTCTGGGTACCATGTTGGGCCAGTCTTGTGCTCGTGGCCAGGT
 GTTCATCTGGGCTTCCCTCCCGCATCGCCTCAGTGTGGTTTGGGCCAAAGAGGTGTC
 CACAGTTGTGCCACCGCGTGTGGGCAATCAGCTTGGAACTGAGTTGGCTTTTTGCT
 ACCACCAGTTTTAGTACCAACACACAGAATGACACAAATCTCCTGGCTTGAATATCAG
 CACCATGTTTTATGGAACATCAGCTGTTGCCACACTTTTTATTTTAAACAGCAATTGC
 CTTCAAAGAAAACCTCGGTATCCACCAAGTCAGGCTCAAGCAGCTCTTCAAGACAGTCC
 CCCTGAAGAGTACTCCTATAAGAAATCAATAAGAAACCTGTTAAAAACATTCTTTTGT
 CCTTCTGTTGATCACTTATGGTATCATGACTGGTGCCTTTTATTCAGTCTCAACGTTATT
 AAATCAAATGATATTGACATATTATGAGGGAGAAGAAGTCAATGCTGGAAGGATTGGCT
 AACGCTAGTAGTAGCTGGAATGGTGGGCTCTATTCTTTGTGGCTTATGGCTGGATTATC
 TAAACATACAAACAGACTACTCTGATAGTTTATATTTTGTCTTTTATTGGAATGGTTAT
 CTTTACTTTACATTGGACCTTAGATACATTATCATCGTGTGTTTACTGGAGGGTGT
 TGGCTTCTCATGACTGGTTACCTCCCTTTGGGTTTTGAATTTGCTGTTGAAATCACTTA
 CCCTGAATCTGAAGTACTTCTCTGCTTCTTAATGCTTCTGCACAGATATTTGGAAT
 TTTGTTACATTGGCTCAAGGAAAGCTCACATCAGACTATGGTCCTAAGGCAGGGAACAT
 TTTTCTGTGTCTGGATGTTTATAGGCATCATATTAACAGCATTAAATCAAGTCTGATCT
 GCGAAGACACAACATAAATATAGGAATTACAAATGTTGATGTTAAAGCTATACCAGCTGA
 CAGTCCCACAGACCAAGAACCAAAAATGGTTATGTTGTCCAAGCAGTCAAGTCAAGCAAT
 TTGAAGAGAAAGCAAAGTACTGTCTGTAGTAATTGGGGACAATGTGATCATCCTTGG
 AGAGAGATGTGAGCACCAAGGCTGGGTTTGTATGTGGTGGGGAAATAACACACTTACTT
 GAAAATTACAAAAA

Restriction Sites: Please inquire

ACCN: NM_014053

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_014053.1 , NP_054772.1
RefSeq Size:	2008 bp
RefSeq ORF:	1668 bp
Locus ID:	28982
UniProt ID:	Q9Y5Y0
Cytogenetics:	1q32.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	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]