

Product datasheet for SC306491

HEPACAM (NM_152722) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HEPACAM (NM_152722) Human Untagged Clone
Tag:	Tag Free
Symbol:	HEPACAM
Synonyms:	GlialCAM; HEPN1; MLC2A; MLC2B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306491 representing NM_152722. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGAGAGAAAAGGGGAGCCCTGTCCAGAGCCTCCAGGGCCCTGCGCCTTGCTCCTTTTGTCTACCTT
CTTCTGATCCAGACAGACCCCTGGAGGGGTGAACATCACCAGCCCGTGCCTGATCCATGGCACC
GTGGGGAAGTCGGCTCTGCTTTCTGTGCAGTACAGCAGTACCAGCAGCGACAGGCCTGTAGTGAAGTGG
CAGCTGAAGCGGGACAAGCCAGTGACCGTGGTGCAGTCCATTGGCAGAGGTCATCGGCACCCTGCGG
CCTGACTATCGAGACCGTATCCGACTCTTTGAAAATGGCTCCCTGCTTCTCAGCGACCTGCAGCTGGCC
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GTGCCCGGCCGCTCGCCGGGGCTGCCATCCGCTCTGCCCGCCGCTACCCGCGCTCCCGAGCGCGTCC
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TCGCGCACACTGCGGACTGCGGGCTGCACATAATCCGCGAGCAAGACGAGGCCGCGCCGGTGGAGATC
AGCGCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	□
ACCN:	NM_152722
Insert Size:	1251 bp
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:	<u>NM_152722.4</u>
RefSeq Size:	3563 bp
RefSeq ORF:	1251 bp
Locus ID:	220296
UniProt ID:	<u>Q14CZ8</u>
Cytogenetics:	11q24.2
Protein Families:	Druggable Genome, Transmembrane
MW:	46 kDa
Gene Summary:	The protein encoded by this gene is a single-pass type I membrane protein that localizes to the cytoplasmic side of the cell membrane. The encoded protein acts as a homodimer and is involved in cell motility and cell-matrix interactions. The expression of this gene is downregulated or undetectable in many cancer cell lines, so this may be a tumor suppressor gene. [provided by RefSeq, Jul 2011]