

Product datasheet for **SC315488**

ECSCR (NM_001077693) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ECSCR (NM_001077693) Human Untagged Clone
Tag:	Tag Free
Symbol:	ECSCR
Synonyms:	ARIA; ECSM2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315488 representing NM_001077693. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGGCACCGCAGGAGCCATGCAGCTGTGCTGGGTGATCCTGGGCTTCTCTGTCCGAGGCCACAAC
TCCAGCCACAATGACCCAGACCTCTAGCTCTCAGGGAGGCCTTGGCGTCTAAGTCTGACCACAGAG
CCAGTTTCTTCCAACCCAGGATACATCCCTTCTCAGAGGCTAACAGGCCAAGCCATCTGTCCAGCACT
GGTACCCAGGCGCAGGTGTCCCAGCAGTGGAGAGACGGAGGCCACAAGCAGAGACACATTTCAA
GTTCCCCCAATTCAACCACCATGAGCCTGAGCATGAGGGAAGATGCGACCATCTGCCAGCCCCAGC
TCAGAGACTGTGCTCACTGTGGCTGCATTTGGTGTATCAGCTTCATTGTCATCCTGGTGGTTGTGGTG
ATCATCTAGTTGGTGTGGTCAGCCTGAGGTTCAAGTGTGCGAAGAGCAAGGAGTCTGAAGATCCCCAG
AAACCTGGGAGTTCAGGGCTGTCTGAAAGCTGCTCCACAGCCAATGGAGAGAAAGACAGCATCACCC
ATCTCCATGAAGAACATCAACATGAATAATGGCAAACAAGTCTCTCAGCAGAGAAGGTTCTTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001077693
Insert Size:	618 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).



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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_001077693.3
RefSeq Size:	1051 bp
RefSeq ORF:	618 bp
Locus ID:	641700
UniProt ID:	Q19T08
Cytogenetics:	5q31.2
MW:	21.3 kDa
Gene Summary:	<p>The protein encoded by this gene is primarily found in endothelial cells and blood vessels, where it is involved in cell shape changes and EGF-induced cell migration. It can enhance the activation of vascular endothelial growth factor receptor-2/kinase insert domain receptor and also promote the proteolysis of internalized kinase insert domain receptor. This gene may play a role in angiogenesis-related diseases. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>