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Product datasheet for MC210742

Ecscr (NM_001033141) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ecscr (NM_001033141) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ecscr
Synonyms:	1110006O17Rik; ARIA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210742 representing NM_001033141 Red=Cloning site Blue=ORF TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCTTCGAGACATTTCTCTGGAAGCCCACGGGCTGGGGTCAACACTGACACCCCTTCTTGCCCATCAAC TCCCACAGGGGAGAGTCAGAGGCTACAGCTCTCAACCTACGACAACTCAGACCTCGCAGGAAATTCTACA GAAGTCTTCTCAGGTCTCCTTGGTATCCAATCAGCCTGTGACACCAAGGTCAAGCACCATGGATAAACAG TCCCTTTCCTTGCCTGACTTGATGTCCTTCCAGCCACAGAAGCACACACTGGGACCTGGCACAGGAACCC CAGAAAGGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGGAGAGGAGAAGCATCTCTGGATGCTACTCC CAGTCCAGAAACCACCAGCCTTCAGACAAAAAAGATGACCATCCTGCTGACCATCCTGCCTACCCCCACA TCAGAGTCAGTGCTAACTGTGGCTGCCTTTGGTGTCATCAGCTTCATTGTCATCCTGGTGGTTGTAGTGA TCATCCTGGTCAGTGTGGTCAGTCTAAGATTTAAGTGTCGGAAGAACAAGGAGTCTGAAGATCCACAGAA ACCAGGGAGTTCAGGGCTGTCTGAAAGCTGCTCCACAGCCAATGGAGAGAAAGACAGCATCACACTCATC TCCATGAGGAACATCAACGTGAACAACAGCAAAGGCAGCATGTCAGCAGAGAAGATTCTTTAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Chromatograms:	https://cdn.origene.com/chromatograms/ja1699_f08.zip
Restriction Sites:	SgfI-MluI
ACCN:	NM_001033141
Insert Size:	693 bp

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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).
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:	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_001033141.1, NP_001028313.1
RefSeq Size:	1111 bp
RefSeq ORF:	693 bp
Locus ID:	68545
UniProt ID:	Q3TZW0
Cytogenetics:	18 B2
Gene Summary:	Regulates endothelial chemotaxis and tube formation (By similarity). Has a role in angiogenesis and apoptosis via modulation of the actin cytoskeleton and facilitation of proteasomal degradation of the apoptosis inhibitors BIRC3/IAP1 and BIRC2/IAP2. [UniProtKB/Swiss-Prot Function]