ESAM cDNA Clone – Endothelial Cell Adhesion Molecule (Human)

PRODUCT OVERVIEW

Product Name	ESAM, cDNA Clone
Full Product Name	ESAM cDNA Clone
Product Gene Name	ESAM cdna clone
Sequence	atgatttccc tcccggggcc cctggtgacc aacttgctgc ggtttttgtt cctggggctg agtgccctcg cgccccctc gcgggcccag ctgcaactgc acttgcccgc caaccggttg caggcggtgg agggagggga agtggtgctt ccagcgtggt acaccttgca cggggaggtg tcttcatccc agccatggga ggtgcccttt gtgatgtggt tcttcaaaca gaaagaaaag gaggatcagg tgttgtccta catcaatggg gtcacaacaa gcaaacctgg agtatccttg gtctactcca tgccctcccg gaacctgtcc ctgcggctgg agggtctcca ggagaaagac tctggcccct acagctgctc cgtgaatgtg caagacaaac aaggcaaatc taggggccac agcatcaaaa ccttagaact caatgtactg gttcctccag ctcctccatc ctgccgtctc cagggtgtgc cccatgtggg ggcaaacgtg accctgagct gccagtctcc aaggagtaag cccgctgtcc aataccagtg ggatcggcag cttccatcct tccagacttt ctttgcacca gcattagatg tcatccgtgg gtctttaagc ctcaccaacc tttcgtcttc catggctgga gtctatgtct gcaaggccca caatgaggtg ggcactgccc aatgtaatgt gacgctggaa gtgagcacag ggcctggagc tgcagtggtt gctggagctg ttgtgggtac cctggttgga ctggggttgc tggctgggct ggtcctcttg taccaccgcc ggggcaaggc cctggaggag ccagccaatg atatcaagga ggatgccatt gctccccgga ccctgccctg gcccaagagc tcagacacaa tctccaagaa tgggaccctt tcctctgtca cctccgcacg agccctccgg ccaccccatg gccctcccag gcctggtgca ttgaccccca cgcccagtct ctccagccag gccctgccct caccaagact gcccacgaca gatggggccc accctcaacc aatatccccc atccctggtg gggtttcttc ctctggcttg agccgcatgg gtgctgtgcc tgtgatggtg cctgcccaga gtcaagctgg ctctctggta tga
Molecular Weight	15,170 Da
OMIM	614281
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ESAM cdna clone	MBS1271865 is a cDNA clone targeting ESAM.
Other Notes	Small volumes of ESAM cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ESAM. It may not necessarily be applicable to this product.

NCBI GI #	16877212
NCBI GeneID	90952
NCBI Accession #	BC016868
UniProt Secondary Accession #	Q96T50; B4DVN8
UniProt Related Accession #	Q96AP7
NCBI Official Full Name	Homo sapiens endothelial cell adhesion molecule, mRNA
NCBI Official Synonym Full Names	endothelial cell adhesion molecule
NCBI Official Symbol	ESAM
NCBI Official Synonym Symbols	W117m
UniProt Protein Name	Endothelial cell-selective adhesion molecule

Protein Family	Endothelial cell-selective adhesion molecule
UniProt Gene Name	ESAM
UniProt Entry Name	ESAM_HUMAN
NCBI Protein Information	endothelial cell-selective adhesion molecule
UniProt Comments for ESAM	ESAM: Can mediate aggregation most likely through a homophilic molecular interaction. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 11q24.2 Cellular Component: plasma membrane Biological Process: leukocyte migration
Research Articles on ESAM	**1.** ESAM is a novel human hematopoietic stem cell marker associated with a subset of human leukemias
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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