

Recombinant Full Length Human ESAM Protein, GST-tagged

Cat. No. ESAM-4695HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ESAM full-length ORF (AAH16868, 1 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	390 amino acids
Description	ESAM (Endothelial Cell Adhesion Molecule) is a Protein Coding gene. Among its related pathways are Blood-Brain Barrier and Immune Cell Transmigration: VCAM-1/CD106 Signaling Pathways and Integrin Pathway. An important paralog of this gene is IGSF11.
Molecular Mass	68.64 kDa
AA Sequence	MISLPGPLVTNLLRFLFLGLSALAPPSRAQLQLHLPANRLQAVEGGEVVLPAWYTLH GEVSSSQPWEVPFVMWFFKQKEKEDQVLSYINGVTTSKPGVSLVYSMPSRNLSLRL EGLQEKGDSGPYSCSVNVQDKQGKSRGHSIKTLELNVLPAPPSCRLQGVPHVGA NVTLSQCSPRSKPAVQYQWDRQLPSFQTFFAPALDVIRGSLSLTNLSSSMAGVYVC KAHNEVGTAQCNVTLEVSTGPGAADVAGAVVGTLVGLGLLAGLVLLYHRRGKALEE PANDIKEDAIAPRTLWPWKSSDTISKNGTLSSVTSARALRPPHGP RP PGALTPTPSLS SQALPSPRLPTTDGAHPQIPISPIPGGVSSSGLSRMGAVPVMVPAQSQAGSLV
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ESAM endothelial cell adhesion molecule [Homo sapiens]
Official Symbol	ESAM
Synonyms	ESAM; endothelial cell adhesion molecule; endothelial cell-selective adhesion molecule; W117m; 2310008D05Rik; LP4791 protein; HUEL (C4orf1)-interacting protein;
Gene ID	90952
mRNA Refseq	NM_138961
Protein Refseq	NP_620411
MIM	614281
UniProt ID	Q96AP7

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