

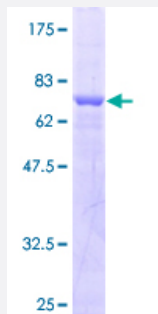
Full-Length

ESAM (Human) Recombinant Protein (P01)

Catalog # H00090952-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ESAM full-length ORF (AAH16868, 1 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MISLPGPLVTNLLRFLFLGLSALAPPSRAQLQLHLPANRLQAVEGGEVVLPAWYTLHGEVSSSQP
WEVPFVMWFFKQKEKEDQVLSYINGVTTSKPGVSLVYSMPSRNLSLRLEGLQEKGDSGPYSCSV
NVQDKQGKSRGHSIKTLELNVLVPPAPPSCRLQGVPVHGAVNTLSCQSPRSKPAVQYQWDRQL
PSFQTFAPALDVIRGSLSLTNLSSSMAGVYVCKAHNEVGTAQCNVTLEVSTGPGAADVAGAVV
GTLVGLGLLAGLVLLYHRRGKALEEPANDIKEDAIAPRTLPPWKSSDTISKNGTLSSVTSARALRPP
HGPPRPGALTPTPSLSSQALPSRLPTTDGAHPQPIPIGGVSSSGLSRMGAVPVMVPAQSQA
GSLV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.64

Interspecies Antigen Sequence

Mouse (72); Rat (72)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ESAM

Entrez GeneID	90952
GeneBank Accession#	BC016868
Protein Accession#	AAH16868
Gene Name	ESAM
Gene Alias	W117m
Gene Description	endothelial cell adhesion molecule
Gene Ontology	Hyperlink
Other Designations	2310008D05Rik HUEL (C4orf1)-interacting protein LP4791 protein

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)