

## Product datasheet

# Recombinant Human ESAM protein ab151384

### Description

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<b>Product name</b>	Recombinant Human ESAM protein	
<b>Purity</b>	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
<b>Endotoxin level</b>	< 1.000 Eu/μg	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<a href="#">Q96AP7</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	QLQLHLPANRLQAVEGGEVVLPAWYTLHGEVSSSQPWE VPFVMWFFKQKE KEDQVLSYINGVTTSKPGVSLVYSMPSRNLSLRLEGLQEK DSGPYSCSVN VQDKQGKSRGHSIKTLELNVLVPPAPPSCRLQGVPVHGA NVTLSQCSPRS KPAVQYQWDRQLPSFQTFAPALDVIRGSLSLTNLSSSM AGVYVCKAHNE VGTAQCNVTLEVSTGPGAVDHHHHHH	
<b>Predicted molecular weight</b>	25 kDa including tags	
<b>Amino acids</b>	30 to 247	
<b>Tags</b>	His tag C-Terminus	

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab151384** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE HPLC
<b>Form</b>	Lyophilized

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term. pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
<b>Reconstitution</b>	Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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## General Info

<b>Function</b>	Can mediate aggregation most likely through a homophilic molecular interaction.
<b>Tissue specificity</b>	Highly expressed in endothelial cells.
<b>Sequence similarities</b>	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Cell junction > adherens junction. Cell junction > tight junction. Cell membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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