

Product datasheet for **TP303885M**

ESAM (NM_138961) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human endothelial cell adhesion molecule (ESAM), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203885 protein sequence Red =Cloning site Green =Tags(s)

MISLPGPLVTNLLRFLFLGLSALAPPSRAQLQLHLPANRLQAVEGGEVLPAWYTLHGEVSSSQPWVFPF
VMWFFKQKEKEDQVLSYINGVTTSKPGVSLVYSMPSRNLSLRLEGLQEKDSGPYSCSVNVQDKQGKSRGH
SIKTLELNLVPPAPPSCRLQGVPVHGAVNTLSCQSPRSKPAVQYQWDRQLPSFQTFPAPALDVIRGSL
LTNLSSSMAGVYVCKAHNEVGTAQCNVTLEVSTGPGAAWAGAVGTLVGLGLLAGLVLLYHRRGKALEE
PANDIKEDAIPRTLWPWKSSDTISKNGTLSSVTSARALRPPHGPGRGALTPTPSLSSQALPSPRLPTT
DGAHPQPISPIPGGVSSSGLSRMGAVPVMVPAQSQAGSLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

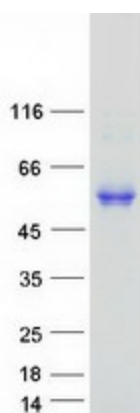
Tag:	C-Myc/DDK
Predicted MW:	41 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_620411</u>
Locus ID:	90952



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UniProt ID:	Q96AP7
RefSeq Size:	1869
Cytogenetics:	11q24.2
RefSeq ORF:	1170
Synonyms:	W117m
Summary:	Can mediate aggregation most likely through a homophilic molecular interaction. [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration

Product images:



Coomassie blue staining of purified ESAM protein (Cat# [TP303885]). The protein was produced from HEK293T cells transfected with ESAM cDNA clone (Cat# [RC203885]) using MegaTran 2.0 (Cat# [TT210002]).