

Product datasheet for PH303885

ESAM (NM_138961) Human Mass Spec Standard

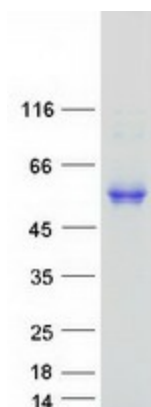
Product data:

Product Type:	Mass Spec Standards
Description:	ESAM MS Standard C13 and N15-labeled recombinant protein (NP_620411)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203885
Predicted MW:	41.2 kDa
Protein Sequence:	>RC203885 protein sequence Red=Cloning site Green=Tags(s) MISLPGPLVTNLLRFLFLGLSALAPPSRAQLQLHLPANRLQAVEGGEVVLPAWYTLHGEVSSSQPWVFP VMWFFKQKEKEDQVLSYINGVTTSKPGVSLVYSMPSRNLSLRLEGLQEKDSGPYSCSVNVQDKQKGRGH SIKTLELNVLVPPAPPSCRLQGVPVHGAVNLTSCQSPRSKPAVQYQWDRQLPSFQTFAPALDVIRGSL LTNLSMAGVYVCKAHNEVGTAQCNVTLEVSTGPGAADVAGAVVGTLVGLGLLAGLVLLYHRRGKALEE PANDIKEDAIAPRTLWPWKSSDTISKNGTLSSVTSARALRPPHPPRPGALTPTPSLSSQALPSRPLPTT DGAHPQPISPIPGGVSSGLSRMGAVPVMVPAQSQAGSLV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_620411</u>
RefSeq Size:	1869
RefSeq ORF:	1170
Synonyms:	W117m
Locus ID:	90952



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UniProt ID:	<u>Q96AP7</u>
Cytogenetics:	11q24.2
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]).