

## Product datasheet for PH318474

### AAMP (NM\_001087) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	AAMP MS Standard C13 and N15-labeled recombinant protein (NP_001078)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218474
Predicted MW:	46.8 kDa
Protein Sequence:	>RC218474 protein sequence Red=Cloning site Green=Tags(s)

MESESESGAAADTPPLETLSFHGDEEIIIEVVELDPGPPDPDDLAQEMEDVDFEEEEEEGNEEGWVLEPQ  
EGVVGSMGPDDSEVTFALHSASVFCVSLDPKTNLAVTGGEDDKAFVWRLSDGELLFECAGHKDSVTCA  
GFSDHSTLVATGDMGSLKLVWQVDTKEEVWSFEAGDLEWMEWHPRAPVLLAGTADGNTWMWKVPNGDCKT  
FQGPNCPCATCGRVLPDGKRAVVGVEDGTIRIWDLKQGSPIHVVLKGTGEGHQPGLTCVAANQDGLSILTGVS  
DCQAKLVSATTGKVVGVFRPETVASQPSLGESESESNVESLGFCSVMPLAAVGYLDGTLAIYDLATQT  
LRHQCCQHSGIVQLLWEAGTAVVYTCSLDGIWRLWDARTGRLLTDYRGHTAEILDFALSKDASLVVTTSG  
DHKAKVFCVQRPDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_001078</u>
RefSeq Size:	1859
RefSeq ORF:	1302
Locus ID:	14



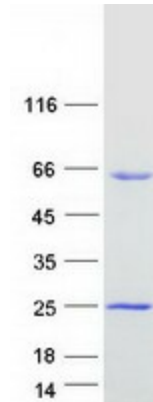
[View online »](#)

UniProt ID: [Q13685](#)

Cytogenetics: 2q35

**Summary:** The gene is a member of the immunoglobulin superfamily. The encoded protein is associated with angiogenesis, with potential roles in endothelial tube formation and the migration of endothelial cells. It may also regulate smooth muscle cell migration via the RhoA pathway. The encoded protein can bind to heparin and may mediate heparin-sensitive cell adhesion. [provided by RefSeq, Oct 2014]

### Product images:



Coomassie blue staining of purified AAMP protein (Cat# [TP318474]). The protein was produced from HEK293T cells transfected with AAMP cDNA clone (Cat# [RC218474]) using MegaTran 2.0 (Cat# [TT210002]).