

Product datasheet for PH323185

BAIAP3 (NM_003933) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BAIAP3 MS Standard C13 and N15-labeled recombinant protein (NP_003924)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223185
Predicted MW:	131.7 kDa
Protein Sequence:	>RC223185 representing NM_003933 Red =Cloning site Green =Tags(s)

MRPRGAFAAGPPGDLHLGTAIGFAGAIWRSRSPAMSTLLDIKSSVLRQVQVCPSPFRRRTEQDPGSASAD
 PQEPATGAWKPGDGVFFAHMRLMLKKGEGRQGLPCLEVPLRSGSPAPPEPVDPSLGLRALAPEEVEMLY
 EEALYTVLYRAGTMGPDQVDDEEALLSYLQQVFGTSLEEHTAIERVRKAKAPTYALKVSVMRKNLLAK
 DPNGFSDPYCMLGILPASDATREPRAQKEQRFGRKSGKRGGLPAKCIQVTEVKSSTLNPVWKEHFLFE
 IEDVSTQQLHLDIWDHDDVSLVEACRKLNEVIGLKGGRYFKQIVKSARANGTAGPTEDHTDDFLGCLN
 IPVREVPVAGVDRWFKLEPRSSASRVQGHCHLVKLITTRDTAMSQRGRSGFLSHLLLLSHLLRLEHSA
 EEPNSSSWRGELSTPAATILCLHGAQSNLSPLQLAVLHWQVSSRHHQTCTLDYSYLLGLEDMAHWEAA
 PSLPQEQEESLADSLSAFSEFGLQLLRQLRDYFPATNSTAVHRELLLLKCLGKLQLFQPSFEICPFESL
 NMDIAAALKRGNREWDRLNDKSPREQPGPQRLPGLVVLADAVYDDLQFCYSVYASLFHSILNVDFVTL
 TFRQLERLVAEEAWVLTEELSPKMTLEVASGLFELYLTADLQRFWDSIPGRDSRSLALAGIHAFPLPAV
 KLWFQVLRDQAKWRLQGAVDMDTLEPVDASSRHSSAATAGLCLSHIQELWVRLAWPDPAQAQGLGTQLG
 QDVCEATLFYTELLRKKVDTQPGAAGEAVSEALCVVLNNVELVRKAAGQALKGLAWPEGATGPEGVLRP
 LLSCTQALDDDLQREHTVTAHLTSKMVGDIRKYVQHISLSPDSIQNDEAVAPLMKYLDEKLALLNASLV
 KGNSRVLEALWELLQAILQALGANRDVSADFYSRFHFTLEALVSFFHAEGQGLPLESLRDGSYKRLKE
 ELRLHKCSTRECIEQFYLDKLRQRTLEQNRFGRLSVRCHYEAAEQRLAVEVLHAADLLPLDANGLSDPFV
 IVELGPPHLFPLVRSQRTQVKTRTLHPVYDELFFYSVPAEACRRRAACVLFTVMDHDLSTNDFAGEAAL
 GLGGVTGVARPQVGGGARAGQPVTLHLCRPRAQVRSALRRLEGRTSKEAQEFVKKLKELEKCMADP

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- 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



[View online »](#)

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:	NP_003924
RefSeq Size:	4523
RefSeq ORF:	3561
Synonyms:	BAP3
Locus ID:	8938
UniProt ID:	O94812
Cytogenetics:	16p13.3
Summary:	This p53-target gene encodes a brain-specific angiogenesis inhibitor. The protein is a seven-span transmembrane protein and a member of the secretin receptor family. It interacts with the cytoplasmic region of brain-specific angiogenesis inhibitor 1. This protein also contains two C2 domains, which are often found in proteins involved in signal transduction or membrane trafficking. Its expression pattern and similarity to other proteins suggest that it may be involved in synaptic functions. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified BAIAP3 protein (Cat# [TP323185]). The protein was produced from HEK293T cells transfected with BAIAP3 cDNA clone (Cat# [RC223185]) using MegaTran 2.0 (Cat# [TT210002]).