

Product datasheet for **TP323185L**

BAIAP3 (NM_003933) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human BAI1-associated protein 3 (BAIAP3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223185 representing NM_003933 Red =Cloning site Green =Tags(s)

MRPRGAAFAAGPPGDLHLGTAIGFAGAIWRSRSPAMSTLLDIKSSVLRQVQVCPFSRRRTEQDPGSASAD
PQEPATGAWKPGDGVFFAHMRLMLKKGEGRQGLPCLEVPLRSGSPAPPEPVDPSLGLRALAPEEVEML
Y
EEALYTVLYRAGTMGPDQVDDEEALLSYLQVQVFGTSLEEHTAEIERVRAKAKPTYALKVSVMRAKNLLAK
DPNGFSDPYCMLGILPASDATREPRAQKEQRFGRKGSKRGGPLPAKCIQVTEVKSSTLNPVWKEHFLFE
IEDVSTDQLHLDIWDHDDVSLVEACRKLNEVIGLKGMGRYFKQIVKSARANGTAGPTEDHTDDFLGCLN
IPVREVPVAGVDRWFKLEPRSSASRVQGHCHLVKLITTQRDTAMSQRGRSGFLSHLLLLSHLLRLEHSA
EENSSSWRGELSTPAATILCLHGAQSNLSPLQLAVLHWQVSSRHHQTCTLDYSYLLGLLEDMAQHWEE
A
PSLPQEQEESLADSLSAFSEFGLQLLRQLRDYFPATNSTAVHRLELLLKCLGKLQLFQPSFEICPFESL
NMDIAAALKRGNREWYDRILNDKSPREQPGPQRLPGLVVLADAVYDDLQFCYSVYASLFHSILNVDVFTL
TFRQLERLVAEEAWVLTEELSPKMTLEVASGLFELYTLADLQRFWDSIPGRDSRSLALAGIHAPFLPAV
KLWFQVLRDQAKWRLQGAVDMDTLEPVDASSRHSSAATAGLCLSHIQELWVRLAWPDPAQAQGLGTQ
LG
QDVCEATLFYTELLRKKVDTQPGAAGEAVSEALCVVLNNVELVRKAAGQALKGLAWPEGATGPEGVLPRP
LLSCTQALDDDLQREAHTVTAHLTSKMVGDIRKYVQHISLSPDSIQNDEAVAPLMKYLDEKLALLNASLV
KGNLSRVLEALWELLQAILQALGANRDVSADFYSRFHFTLEALVSFFHAEGQGLPLESLRDGSYKRLKE
ELRLHKCSTRECIEQFYLDKQRTLEQNRFGRLSVRCHYEAAEQRLAVEVLHAADLLPLDANGLSDPFV
IVELGPPHLFPLVRSQRTQVKTRTLHPVYDELFFYFVPAEACRRRAACVLFVMDHDWLSTNDFAGEAAL
GLGGVTGVARPQVGGGARAGQPVTLHLCRPRAQVRSALRRLEGRTSKEAQEFVKKLKELEKCM EADP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

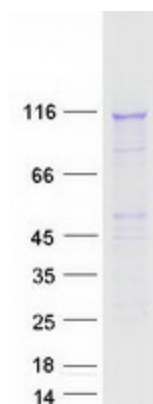
Tag:	C-Myc/DDK
Predicted MW:	131.7 kDa



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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:	NP_003924
Locus ID:	8938
UniProt ID:	O94812
RefSeq Size:	4523
Cytogenetics:	16p13.3
RefSeq ORF:	3561
Synonyms:	BAP3
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]).