

Product datasheet for TP323185

BAIAP3 (NM_003933) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human BAI1-associated protein 3 (BAIAP3), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC223185 representing NM_003933
Red=Cloning site **Green**=Tags(s)

MRPRGAAFAAGPPGDLHLGTAIGFAGAIWRSRSPAMSTLLDIKSSVLRQVQVCPFRFRRTREQDPGSASAD
PQEPATGAWKPGDGVFAHMLMLKKGEGRQGLPCLEVPLRSGSPAPPEVDPVPSLGLRALAPEEVEMLY
EEALYTVLYRAGTMGPDQVDDEEALLSYLQQVFGTSLEEHTAIEVRKAKAPTYALKVSVMRKLNLLAK
DPNGFSDPYCMLGILPASDATREPRAQKEQRFGRKSKRGGPLPAKCIQVTEVKSSTLNPNVWKEHFLFE
IEDVSTDQLHLDIWDHDDVSLVEACRKLNEVIGLKGMGRYFKQIVKSARANGTAGPTEDHTDDFLGLCLN
IPVREVPVAGVDRWFKLEPRSSASRVQGHCHLVKLITQRDTAMSQRGRSGFSLHLLLSHLLRLEHSA
EEPNSSSWRGELSTPAATILCLHGAQSNLSPLQLAVLHWQVSSRHHQTCTLDYSYLLGLLEDMQAHWEEA
PSLPQEQUEESLADSLSAFSEFGLQLLRQLRDYFPATNSTAVHRLLELLKCLGKLQLFQPSFEICPFESL
NMDIAAALKRGNREWYDRILNDKSPREQPGPQRLPGLVVLADAVYDDLQFCYSVYASLFHSILNVDFVTL
TFRQLERLVAEEAWVLTEELSPKMTLEVASGLFELYLTADLQRFWDSIPGRDSRSLALAGIHAPFLPAV
KLWFQVLRDQAKWRLQGAVDMTLEPVDASSRHSSAATAGLCLSHIQELWVRLAWPDPAAQAQGLGTQLG
QDVCEATLFYTELLRKKVDTQPGAAGEAVSEALCVLNNVELVRKAAGQALKGLAWPEGATGPEGVLP
LLSCTQALDDDLQREAHTVTAHLTSMVGDIRKYVQHISLSPDSIQNDEAVAPLMKYLDEKLALLNASLV
KGNLSRVLEALWELLQAILQALGANRDVSADFYSRFHFTLEALVFFHAEGQGLPLESLRDGSYKRLKE
ELRLHKCSTRECIEQFYLDKQRTLEQNRFGRLSVRCHYEAAEQRLAVEVLHAADLLPLDANGLSDPFV
IVELGPPHFLVRSQRTQVKTRTLHPVYDELFFSVPAEACRRRAACVLFVMDHDWLSTNDFAGEAAL
GLGGVTGVARPQVGGGARAGQPVTLLHLCRPRAPQVRSALRRLEGRTSKEAQEFVKKLKELEKMEADP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

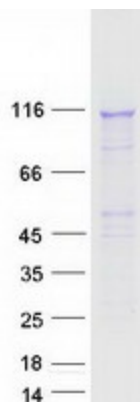
Tag: C-Myc/DDK
Predicted MW: 131.7 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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]).