

Recombinant Human BAIAP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BAIAP3-1290H Lot. No. (See product label)

SPECIFICATION

Product Overview	BAIAP3 MS Standard C13 and N15-labeled recombinant protein (NP_003924) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	131.7 kDa
AA Sequence	MRPRGAFAAGPPGDLHLGTAIGFAGAIWRSRSPAMSTLLDIKSSVLRQVQVCPSF RRRTEQDPGSASADPQEPATGAWKPGDGVEFFAHMRLMLKKGEGRQGLPCLEVP LRSGSPAPPEPVDPSSLGLRALAPEEVEMLYEEALYTVLYRAGTMGPDQVDDEEALL SYLQQVFGTSLEEHTAIEVRKAKAPTYALKVSVMRAKNLLAKDPNGFSDPYCML GILPASDATREPRAQKEQRFGRKGSKRGGPLPAKCIQVTEVKSSSTLNPVWKEHFL FEIEDVSTDQLHLDIWDHDDVSLVEACRKLNEVIGLKGMGRYFKQIVKSARANGTA

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GPTEDHTDDFLGCLNIPVREVPVAGVDRWFKLEPRSSASRVQGHCHLVKLITTQR
 DTAMSQRGRSGFLSHLLLLSHLLRLEHSAEPPNSSSSWRGELSTPAATILCLHGAQSN
 LSPLQLAVLHWQVSSRHHQTCTLDYSYLLGLLEDMQAHWEEAPSLPQEQEESLADS
 LSAFSEFGLQLLRQLRDYFPATNSTAVHRLELLLKCLGKLQLFQPSFEICPFESELNM
 DIAAALKRGNREWYDRILNDKSPREQPGPQRLPGLVVLADAVYDDLQFCYSVYASL
 FHSILNVDVFTLTFRQLERLVAEEAWVLTEELSPKMTLEVASGLFELYLTADLQRFW
 DSIPGRDSRSLALAGIHAPFLPAVKLWFQVLRDQAKWRLQGAVDMDTLEPVDASSR
 HSSSAATAGLCLSHIQELWVRLAWPDPAQAQGLGTQLGQDVCEATLFYTELLRKKV
 DTQPGAAGEAVSEALCVVLNNVELVRKAAGQALKGLAWPEGATGPEGVLPRPLLSC
 TQALDDDLQREAHTVTAHLTSKMVGDIRKYVQHISLSPDSIQNDEAVAPLMKYLDEK
 LALLNASLVKGNLSRVLEALWELLQAILQALGANRDVSADFYSRFHFTLEALVSFFH
 AEGQGLPLESLRDGSYKRLKEELRLHKCSTRECIEQFYLDKLLKQRTLEQNRFGRLSV
 RCHYEAAEQRLAVEVLHAADLLPLDANGLSDPFVIVELGPPHLFPLVRSQRTQVKTR
 TLHPVYDELFFYFSPAEACRRRAACVLTVMHDHWLSTNDFAGEAALGLGGVTGVA
 RPQVGGGARAGQPVTLHLCPRAQVRSALRRLEGRTSKEAQEFVKKLKELEKCME
 ADPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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Gene Name	BAIAP3 BAI1-associated protein 3 [Homo sapiens (human)]
Official Symbol	BAIAP3
Synonyms	BAIAP3; BAI1-associated protein 3; BAP3; KIAA0734; BAI-associated protein 3; MGC138334;
Gene ID	8938
mRNA Refseq	NM_003933
Protein Refseq	NP_003924
MIM	604009
UniProt ID	O94812
SDS-PAGE	