

Datasheet for ABIN7565137
NAIP Protein (AA 1-1403) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NAIP
Protein Characteristics:	AA 1-1403
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAIP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Naip1 Protein expressed in mammalian cells.
Sequence:	MAEHGESSED RISEIDYEFL PELSALLGVD AVQLAKSQEE EEHKERMKMK KGFNSQMRSE AKRLKTFETY DFRSWTPQE MAAAGFYHTG VKLGVQCFCC SLILFGNSLR KLPIERHKKL RPECEFLQGK DVG NIGKYDI RVKSPEKMLR G GKARYHEEE ARLESFEDWP FYAHGTSPRV LSAAGFVFTG KRDTVQCFSC GGSLGNWEEG DDPWKEHAKW FPKCEFLQSK KSSEEIAQYI QGYEGFVHVT GEHFVNSWVR RELPMVSAYC NDSVFANEEL RMDTFKDWPH ESPVAVDALV RAGLFYTGKK GIVQCFSCGG CMEKCTEGDD PIQEHNKFFP NCVFLQTPKS SAEVIPALQS HCALPEAMET TSESNHDDPA AVHSTVVGLG RSEAQWFQEA RSLSEQLRDN YTKATFRHMN LPEVCSSLGT DHLIGCDVSI ISKHISQPVQ GALTIPVFS NLSSVMCVEG ETGSGKTTFL KRIAFLWASG CCPLLYRFQL VFYLSLSSIT PDQGLANIIC AQLLGAGGCI SEVCLSSIIQ QLQHQLVLL DDYSGLASLP QALHTLITKN YLSRTCLLIA VHTNRVGRIR SYLDTSLEIK EFPLSNTVYI LKKFFSHNIK RLLEFMVYFG QNEDLQGIHK TPLFVAAVCT DWFENPSDQP FQDMALFKSY MQYLSLKHKG AAKPLQATVS SCGQLALTGL FSSCFEFNSD DLAEAGVDED

EELTTCLMSK FTAQRLRPVY RFLGPLFQEF LAAMRLTELL SSSDRQEDQDL GLYYLRQINS
PLKALTTYNN FLKYVFSHPS SKAGPTVVSH LLHLVDETEL LENTYKNEDY VNHPGTSRI
MKGLKELWLL SPEYYSSFVS EHLRLIALNF AYESNTVAEC SPFILQFLRG RTLALKVLNL
QYFRDHPESL LLVKSLEVSI NGNKVPKVV DYSVMEKSFET LQPPTIDQDY ASAFEQMKEH
EKNLSENEET IKSIFNIFPL QPPKISSGYW KLSPKPCKIP RLEVGVTNMG PADQALLQVL
MEVFSASQSI EFRLSDSSGF LESIRPALEL SKASVTKCSM SRLELSRAEQ ELLLTLPALQ
SLEVSETNQL PDQLFHNLHK FLGLKELCVR LDGKPDVLSV LPGEFPNLLH MEKLSIRTSM
ESDLSKLVKL IQNSPNLHV FHLKCDFLSNC DSLMAVLASC KKLREIEFSG RCFEAMPFVN
ILPNFISLKI LNLISQQFPD KETSEKFAQA LGSLRNLEEL LVPTGDGIHQ VAKLIVRQCL
QLPCLRVLAF HYILDNDSDVI EIARVATSGG FQKLEKLDLS MNHKITEEGY RNFFQALDNL
PNLQNLNCR HIPECIQVQA TTVKALGQCV SRLPSLTRLH MLSWLLDEED MKVINDVKER
HPQSKRLIIF WKWIVPFSPV VLE **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target:	NAIP
Alternative Name:	Naip1 (NAIP Products)
Background:	Baculoviral IAP repeat-containing protein 1a (Neuronal apoptosis inhibitory protein 1),FUNCTION: Anti-apoptotic protein which acts by inhibiting the activities of CASP3, CASP7 and CASP9. Can inhibit the autocleavage of pro-CASP9 and cleavage of pro-CASP3 by CASP9. Capable of inhibiting CASP9 autoproteolysis at 'Asp-315' and decreasing the rate of auto proteolysis at 'Asp-330'. Acts as a mediator of neuronal survival in pathological conditions. Prevents motor-neuron apoptosis induced by a variety of signals (By similarity). {ECO:0000250}.
Molecular Weight:	158.7 kDa
UniProt:	Q9QWK5
Pathways:	Apoptosis , Inflammasome

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months