

### Recombinant Human BAI3 protein ab151879

#### Description

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<b>Product name</b>	Recombinant Human BAI3 protein
<b>Purity</b>	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. ab151879 was lyophilized from a 0.2 µM filtered solution.
<b>Endotoxin level</b>	< 1.000 Eu/µg
<b>Expression system</b>	HEK 293 cells
<b>Accession</b>	<b><u>O60242</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	AQDFWCSTLVKGVYGSYSVSEMFPKNFTNCTWTLENPD PTKYSMLKFS KKDLSCSNFSLLAYQFDHFSHEKIKDLLRKNHSIMQLCNS KNAFVFLQYD KNFIQIRRVFPTNFPGLQKKGEEDQKSFFEFLVLNKVSPS QFGCHVLCTW LESCLKSENGRTESECGIMYTKCTCPQHLGEWGIDDQSLILL NNVVLPLNE QTEGCLTQELQTTQVCNLTREAKRPPKEEFGMMGDHTIK SQRPRSVHEKR VPQEQADA AKFMAQTGESGVEEWSQWSTCSVTCGQGS QVRTRTCVSPYGT HCSGPLRESRVCNNTALCPVHGVWEEWSPWSLCSFTC GRGQRTRTRRSTP PQYGGRPCEGPETHHKPCNIALCPVDGQWQEWSSWSQ CSVTC SNGTQQRS RQCTAAAHGGSECRGPWAESRECYNPECTANGQWNQW GHWGCSKSCDGG WERRIRTCQGA VITGQQCEGTGEEVRRRCSEQRCPAPYEIC PEDYLMSMVW KRTPAGDLAFNQCP LNATGTTSRRCSLSLHGVAFWEQPS FARCISNEYRH LQHSIKEHLAKGQRMLAGDGMSQVTKLLDLTQRKNFYAG DLLMSVEILR

NVTDTFKRASYIPASDGVQNFFQVSNLLDEENKEKWEDA  
QQIYPGSIEL  
MQVIEDFIHIVGMGMDFQNSYLMTGNVVASIQKLPAAASVL  
TDINFPMKG  
RKGMDWARNSEDRVVIPKSIFTPVSSKEDESSVFLG  
AVLYKNLIDLIL  
PTLRNYTVINSKIIVTIRPEPKTTDSFLEIELAHLANGTLNPY  
CVLWDD  
SKTNESLGTWSTQGCKTVLTDASHTKCLCDRLSTFAILAQ  
QPREIIMESS GTPSVTVDHHHHHH

<b>Predicted molecular weight</b>	98 kDa including tags
<b>Amino acids</b>	25 to 880
<b>Tags</b>	His tag C-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab151879** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE HPLC
<b>Form</b>	Lyophilized

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C or -80°C. pH: 7.20 Constituents: 94% Phosphate Buffer, 5% Trehalose, 0.88% Sodium chloride
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<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilised protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. For long term storage aliquot and store at < -20°C.
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### General Info

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<b>Function</b>	Might be involved in angiogenesis inhibition and suppression of glioblastoma.
<b>Tissue specificity</b>	Strongly expressed in brain. Also detected in heart. Reduced expression is observed in some glioblastoma cell lines.
<b>Sequence similarities</b>	Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily. Contains 1 CUB domain. Contains 1 GPS domain. Contains 4 TSP type-1 domains.
<b>Cellular localization</b>	Cell membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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