

Product Data Sheet

Recombinant Human BAI3 Protein

Catalog #	Source	Reactivity	Applications
CRP1101	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human BAI3 Protein is produced by our Mammalian expression system and the target gene encoding Ala25-Thr880 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, 5% Thehalose, pH 7.2		
Gene Symbol	BAI3		
Alternative Names	KIAA0550; Brain-specific angiogenesis inhibitor 3		
Entrez Gene	577 (Human)		
SwissProt	O60242 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	AQDFWCSTLV KGVYIGSYSV SEMFPKNFTN CTWTLENPDP TKYSIYLKFS KKDLSCSNFS LLAYQFDHFS HEKIKDLLRK NHSIMQLCNS KNAFVFLQYD KNFIQIRRVF PTNFPGLQKK GEEDQKSFFE FLVLNKVSPS QFGCHVLCTW LESCLKSENG RTESCGIMYT KCTCPQHLGE WGIDDQSLIL LNNVVLPLNE QTEGCLTQEL QTTQVCNLTR EAKRPPKEEF GMMGDHTIKS QRPRSVHEKR VPQEQADAAG FMAQTGESGV EEWSQWSTCS VTCGQGSQVR TRTCVSPYGT HCSGPLRESR VCNNTALCPV HGVWEEWSPW SLCSFTCGRG QRTRTRSCTP PQYGGRPCEG PETHHKPCNI ALCPVDGQWQ EWSSWSQCSV TCSNGTQQRS RQCTAAAHGG SECRGPWAES RECYNPECTA NGQWNQWGHW SGCSKSCDGG WERRIRCQG AVITGQQCEG TGEEVRRCE QRCAPYEIC PEDYLMSMVW KRTPAGDLAF NQCP LNATGT TSRRCSLSLH GVAFWEQPSF ARCISNEYRH LQHSIKEHLA KGQRMLAGDG MSQVTKTLLD LTQRKNFYAG DLLMSVEILR NVTDTFKRAS YIPASDGVQN FFQIVSNLLD		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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EENKEKWEDA QQIYPGSIEL MQVIEDFIHI VGMGMMDFQN SYLMTGNVVA SIQKLPAASV
LTDINFPMKG RKGMDVDWARN SEDRVVIPKS IFTPVSSKEL DESSVFLGA VLYKNLDLIL
PTLRNYTVIN SKIIVVTIRP EPKTTDSFLE IELAHLANGT LNPYCVLWDD SKTNESLGTW
STQGCKTVLT DASHTKCLCD RLSTFAILAQ QPREIIMESS GTPSVTVDDHH HHHH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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