

Active Recombinant Human BAI1 Protein, His-tagged

Cat. No. BAI1-921H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BAI1 (Accession # O14514) Ala31-Thr879, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Ala31-Thr879
Predicted N Terminal	Ala31
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of BCE C/D-1b bovine corneal endothelial cells. When 4×10^4 cells per well are added to rhBAI1 coated plates (0.5 μg/mL, 100 μL/well), approximately 40%-70% will adhere after 1 hour at 37° C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human BAI1, His-tagged has a calculated MW of 93.6 kDa. In SDS-PAGE migrates as 105-115 kDa, reducing conditions .
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	BAI1 brain-specific angiogenesis inhibitor 1 [Homo sapiens]
Official Symbol	BAI1
Synonyms	BAI1; brain-specific angiogenesis inhibitor 1; GDAIF; FLJ41988;
Gene ID	575
mRNA Refseq	NM_001702
Protein Refseq	NP_001693
MIM	602682
UniProt ID	O14514
Chromosome Location	8q24.3

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