

## Active Recombinant Human BAI1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Ala31-Thr879
<b>Predicted N Terminal</b>	Ala31
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of BCE C/D-1b bovine corneal endothelial cells. When 4 x 10 <sup>4</sup> 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.
<b>Molecular Mass</b>	Recombinant Human BAI1, His-tagged has a calculated MW of 93.6 kDa. In SDS-PAGE migrates as 105-115 kDa, reducing conditions .
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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

## GENE INFORMATION

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

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