

Datasheet for ABIN6964229

BAI1 Protein (Fc Tag)

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Overview

Quantity:	100 µg
Target:	BAI1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAI1 protein is labelled with Fc Tag.

Product Details

Sequence:	BAI1(Ala31-Ser948)+6xHis tag
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

Target Details

Target:	BAI1
Alternative Name:	BAI1 (BAI1 Products)
Background:	<p>Synonyms: BAI1, GDAIF</p> <p>Description: Angiogenesis is controlled by a local balance between stimulators and inhibitors of new vessel growth and is suppressed under normal physiologic conditions. Angiogenesis has been shown to be essential for growth and metastasis of solid tumors. In order to obtain blood supply for their growth, tumor cells are potently angiogenic and attract new vessels as results of increased secretion of inducers and decreased production of endogenous negative</p>

Target Details

regulators. BAI1 contains at least one 'functional' p53-binding site within an intron, and its expression has been shown to be induced by wildtype p53. There are two other brain-specific angiogenesis inhibitor genes, designated BAI2 and BAI3 which along with BAI1 have similar tissue specificities and structures, however only BAI1 is transcriptionally regulated by p53. BAI1 is postulated to be a member of the secretin receptor family, an inhibitor of angiogenesis and a growth suppressor of glioblastomas [provided by RefSeq, Jul 2008]

Molecular Weight:	101.64 kDa
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UniProt:	O14514
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Pathways:	p53 Signaling
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Reconstitute with deionized water
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Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
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Preservative:	Without preservative
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Storage:	-80 °C
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Storage Comment:	Store at -80°C for 12 months (Avoid repeated freezing and thawing)
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Expiry Date:	12 months
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