

Datasheet for ABIN667755

BAG3 Protein (AA 1-575) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	BAG3
Protein Characteristics:	AA 1-575
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAG3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	BAG3, 1-575aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	BAG3
Alternative Name:	BAG3 (BAG3 Products)
Background:	BAG3 was reported initially as a protein-refolding cochaperone of the bcl2 binding protein BAG family and as upregulated in response to persistent stress of cellular calcium balance dysregulation. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. Also, it

Target Details

has been shown to diminish stress-induced apoptosis. Recombinant human BAG3, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: BIS, CAIR-1, BAG family molecular chaperone regulator 3 BAG 3, Bcl 2 binding protein, BCL2 associated athanogene 3, BCL2 binding athanogene 3, Docking protein CAIR 1. NCBI no.: NP_004272

Molecular Weight: 63.7 kDa (595aa)

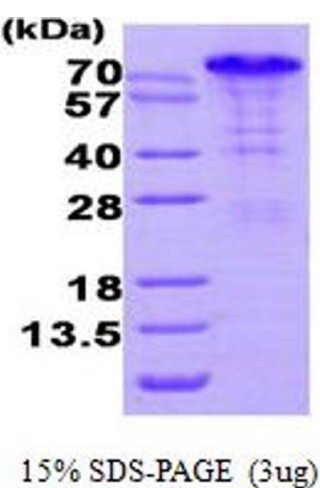
Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM EDTA, 0.1mM PMSF, 10% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.