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Datasheet for ABIN7318197 **BAG2 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	BAG2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAG2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human BAG2 Protein (His Tag)
Sequence:	Met 1-Asn211
Characteristics:	Recombinant Human BAG Family Molecular Chaperone Regulator 2 is produced by our E.coli expression system and the target gene encoding Met1-Asn211 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	BAG2
Alternative Name:	BAG2 (BAG2 Products)
Background:	Background: BAG Family Molecular Chaperone Regulator 2 (BAG2) is a member of the Bag family whose members compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and

Target Details

promote substrate release. BAG2 contains 1 BAG domain and is a important component of the HSC 70/CHIP chaperone-dependent ubiquitin ligase complex. In mammalian cells BAG1, BAG2, and BAG3 bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner.

Synonym: BAG Family Molecular Chaperone Regulator 2, BAG-2, Bcl-2-Associated Athanogene 2, BAG2

Molecular Weight: 25.9 kDa

UniProt: [O95816](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 8.0.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.