

Recombinant Human BAG2 Protein (His Tag)

Catalog Number: PKSH032114

Note: Centrifuge before opening to ensure complete recovery of vial contents.

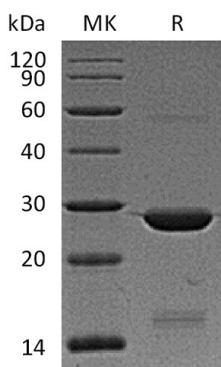
Description

Species	Human
Source	E.coli-derived Human BAG2 protein Met 1-Asn211, with an N-terminal His
Calculated MW	25.9 kDa
Observed MW	25-30 kDa
Accession	O95816
Bio-activity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM EDTA, 1mM DTT, 10% Glycerol, pH8.0.

Data



> 90 % as determined by reducing SDS-PAGE.

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 promote substrate release. BAG2 contains 1 BAG domain and is an 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.

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