



Recombinant Protein Technical Manual

Recombinant Human BAG2 Protein (His Tag)

RPES3381

Product Data:

Product SKU: RPES3381

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: O95816

Protein Information:

Molecular Mass: 25.9 kDa

AP Molecular Mass: 28-30 kDa

Tag: N-6His

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

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

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

Application:

Synonyms: BAG Family Molecular Chaperone Regulator 2; BAG-2; Bcl-2-Associated Athanogene 2; BAG2

Immunogen Information:

Sequence: Met 1-Asn211

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.