

Recombinant Full Length Human BAG6 Protein, C-Flag-tagged

Cat. No. BAG6-1560HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BAG6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene was first characterized as part of a cluster of genes located within the human major histocompatibility complex class III region. This gene encodes a nuclear protein that is cleaved by caspase 3 and is implicated in the control of apoptosis. In addition, the protein forms a complex with E1A binding protein p300 and is required for the acetylation of p53 in response to DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	119.2 kDa
AA Sequence	MEPNDSTSTAVEEPDSLEVLVKTLDSTRTFIVGAQMNVKEFKEHIAASVSIPSEKQR LIYQGRVLQDDK KLQEYNVGGKVIHLVERAPPQTHLPSGASSGTGSASATHGGGSP PGTRGPGASVHDRNANSYVMVGTFNL PSDGSAVDVHINMEQAPIQSEPRVRLVMA QHMIRDIQTLLSRMETLPYLQCRGGPQPQHSQPPPQPPAVT PEPVALSSQTSEPVE SEAPPREPMEAEVEERAPAQNPELTPGPAPAGPTPAPETNAPNHPSPAHEYVEVL QELQRLESRLQPFLQRYEVLGAAATTDYNNNHEGREEDQRLINLVGESLRLGNTF VALSDLRCNLACT PPRHLHVVRPMSHYTTPMVLQQAAPIQINVGTTVTMTGNGTRP

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PPTPNAEAPPPGPGQASSVAPSSTNV ESSAEGAPPPGPAPPPATSHPRVIRISHQS
 VEPVMMHMNIQDSGTQPGGVPSAPTGPLGPPGHGQTLGQ QVPGFPTAPTRVIA
 RPTPPQARPSHPGGPPVSGTLQGAGLGTNASLAQMVSGLVGQLMQPVLVAQGTP
 GMAPPPAPATASASAGTTNTATTAGPAPGGPAQPPPTPQPSMADLQFSQLLGNLL
 GPAGPGAGGSGVASP TITVAMPGVPAFLQGMTDFLQATQTAPPPPPPPPPPPAP
 EQQTMPPPGSPSGGAGSPGGLGLESLPEF FTSVVQGVLSLLGSLGARAGSSES
 IAAFIQRLSGSSNIFEPGADGALGFFGALLSLLCQNFMSVDVVML LHGHFQPLQRLQ
 PQLRSFFHQHYLGGQEPTPSNIRMATHTLITGLEEYVRESFSLVQVQPGVDIIRTNLE
 FLQEQFNIAAHVLHCTDSGFGARLLELCNQGLFECLALNLHCLGGQQMELAAVING
 RIRMSRGMVNP SL VSWLTTMMGLRLQVVLEHMPVGPDAILRYVRRVGDPPQPLPE
 EPMEVQGAERASPEPQRENASPAGTTA EEAMSRGPPPAPEGGSRDEQDGASAE
 TEPWAAA V PPEWVPIIQQDIQSQRKVKPQPPLSDAYLSGMPAKR RKTMQGEGPQL
 LLSEAVSRAAKAAGARPLTSPESLSRDLEAPEVQESYRQQLRSDIQKRLQEDPNYSP
 QR
 FPNAQRAFADDPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Stem cell - Pluripotency

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Full Length Full L.

GENE INFORMATION

Gene Name BAG6 BAG cochaperone 6 [Homo sapiens (human)]

Official Symbol BAG6

Synonyms G3; BAT3; BAG-6; D6S52E

Gene ID 7917

mRNA Refseq NM_001387961.1

Protein Refseq NP_001374890.1

MIM 142590

UniProt ID P46379

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