

Recombinant Human BAG6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BAG6-5644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BAT3 MS Standard C13 and N15-labeled recombinant protein (NP_004630) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	119.9 kDa
AA Sequence	MEPNDSTSTAVEEPDSLEVLVKTLDSQTRTFIVGAQMNVKEFKEHIAASVSIPSEKQR LIYQGRVLQDDKKLQEYNVGGKVIHLVERAPPQTHLPSGASSGTGSASATHGGGSP PGTRGPGASVHDRNANSYVMVGTFNLPDGSASVDVHINMEQAPIQSEPRVRLVMA QHMIRDIQTLLSRMETLPYLQCRGGPQPQHSQPPPQPPAVTPEPVALSSQTSEPE SEAPPREPMEAEVEERAPAQNPELTPGPAPAGPTPAPETNAPNHPSPA EYVEVLQ ELQRLESRLQPFLQRYEVLGAAATTDYNNNHEGREEDQRLINLVGESLRLLGNTFV ALSDLRCNLACTPPRHLHVVRPMSHYTTMVLQQAAPIQINVGTTVTMTGNGTRPP

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PTPNAEAPPPGPGQASSVAPSSSTNVESSAEGAPPPGPAPPPATSHPRVIRISHQSV
 EPVVMHMNIQDSGTQPGGVPSAPTGPLPPGHGQTLGQQVPGFPTAPTRVVIAR
 PTPPQARPSHPGGPPVSGTLQGAGLGTNASLAQMVSGLVGQLLMQPVLVAQGTPG
 MAPPPAPATASASAGTTNTATTAGPAPGGPAQPPPTPQPSMADLQFSQLLGNLLGP
 AGPGAGGSGVASPTITVAMPGVPAFLQGMTDFLQATQTAPPPPPPPPPPPAPEQ
 QTMPPPGSPSGGAGSPGGGLGLESLSPEFFTSVVQGVLSLLGSLGARAGSSESIAA
 FIQRLSGSSNIFEPGADGALGFFGALLSLLCQNFMSVDVVMLLHGHFQPLQRLQPQL
 RSFFHQHYLGGEPTPSNIRMATHTLITGLEEYVRESFSLVQVQPGVDIIRTNLEFLQ
 EQFNSIAAHVLHCTDSGFGARLLELCNQGLFECLALNLHCLGGQQMELAAVINGRIR
 RMSRGVNPSLVSWLTTMMGLRLQVVLEHMPVGPDAILRYVRRVGDPPQPLPEEPM
 EVQGAERASPEPQRENASPAGTTAEEMSRRGPPPAPEGGSRDEQDGASAETEP
 WAAAVPPEWVPIIQQDIQSQRKVKPQPPLSDAYLSGMPAKRRKTMQGEQPQLLSE
 AVSRAAKAAGARPLTSPELSRDLEAPEVQESYRQQLRSDIQKRLQEDPNYSPQRF
 PNAQRAFADDPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name BAG6 BCL2-associated athanogene 6 [Homo sapiens (human)]

Official Symbol BAG6

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Synonyms	BAG6; BCL2-associated athanogene 6; BAT3, HLA B associated transcript 3; large proline-rich protein BAG6; D6S52E; G3; scythe; protein G3; protein Scythe; HLA-B associated transcript 3; HLA-B associated transcript-3; HLA-B-associated transcript 3; large proline-rich protein BAT3; BAG family molecular chaperone regulator 6; BAT3; BAG-6;
Gene ID	7917
mRNA Refseq	NM_004639
Protein Refseq	NP_004630
MIM	142590
UniProt ID	P46379
SDS-PAGE	