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

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

## SPECIFICATION

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| **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** | MEPNDSTSTAVEEPDSLEVLVKTLDSQTRTFIVGAQMNVKEFKEHIAASVSIPSEKQR LIYQGRVLQDDK KLQEYNVGGKVIHLVERAPPQTHLPSGASSGTGSASATHGGGSP PGTRGPGASVHDRNANSYVMVGTFNL PSDGSAVDVHINMEQAPIQSEPRVRLVMA QHMIRDIQTLLSRMETLPYLQCRGGPQPQHSQPPPQPPAVT PEPVALSSQTSEPVE SEAPPREPMEAEEVEERAPAQNPELTPGPAPAGPTPAPETNAPNHPSPAEYVEVL QELQRLESRLQPFLQRYYEVLGAAATTDYNNNHEGREEDQRLINLVGESLRLLGNTF VALSDLRCNLACT PPRHLHVVRPMSHYTTPMVLQQAAIPIQINVGTTVTMTGNGTRP |

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| | PPTPNAEAPPPGPGQASSVAPSSTNV ESSAEGAPPPGPAPPPATSHPRVIRISHQS VEPVVMMHMNIQDSGTQPGGVPSAPTGPLGPPGHGQTLGQ QVPGFPTAPTRVVIA RPTPPQARPSHPGGPPVSGTLQGAGLGTNASLAQMVSGLVGQLLMQPVLVAQGTP GMAPPPAPATASASAGTTNTATTAGPAPGGPAQPPPTPQPSMADLQFSQLLGNLL GPAGPGAGGSGVASP TITVAMPGVPAFLQGMTDFLQATQTAPPPPPPPPPPPPAP EQQTMPPPGSPSGGAGSPGGLGLESLSPEF FTSVVQGVLSSLLGSLGARAGSSES IAAFIQRLSGSSNIFEPGADGALGFFGALLSLLCQNFSMVDVVML LHGHFQPLQRLQ PQLRSFFHQHYLGGQEPTPSNIRMATHTLITGLEEYVRESFSLVQVQPGVDIIRTNLE FLQEQFNSIAAHVLHCTDSGFGARLLELCNQGLFECLALNLHCLGGQQMELAAVING RIRRMSRGVNPSL VSWLTTMMGLRLQVVLEHMPVGPDAILRYVRRVGDPPQPLPE EPMEVQGAERASPEPQRENASPAPGTTA EEAMSRGPPPAPEGGSRDEQDGASAE TEPWAAAVPPEWVPIIQQDIQSQRKVKPQPPLSDAYLSGMPAKR RKTMQGEGPQL LLSEAVSRAAKAAGARPLTSPESLSRDLEAPEVQESYRQQLRSDIQKRLQEDPNYSP QR<br>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 |

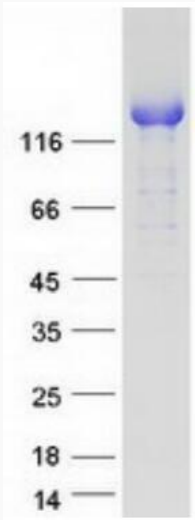
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| **Full Length** | Full L. |

## GENE INFORMATION

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| **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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Coomassie blue staining of purified BAG6 protein.

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