

# Recombinant Human BAG5 Protein (1-447 aa), His-SUMO-tagged

**Cat. No.** BAG5-1154H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human BAG5 Protein (1-447 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-447 aa
<b>Description</b>	Inhibits both auto-ubiquitination of PARK2 and ubiquitination of target proteins by PARK2 . May function as a nucleotide exchange factor for HSP/HSP70, promoting ADP release, and activating Hsp70-mediated refolding. <sup>1</sup> Publication.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	67.2 kDa
<b>AA Sequence</b>	MDMGNQHPSISRLQEIQKEVKSVEQQVIGFSGLSDDKNYKKLERILTKQLFEIDSVDT EGKGDIQQARKRAAQETERLLKELEQANANHPHRIEIQNIFEEAQSLVREKIVPFYNGG NCVTDEFEEGIQDIILRLTHVKTGGKISLRKARYHTLTKICAVQEIIEDCMKKQPSLPLS EDAHPVAKINFVMCEVNKARGVLIALLMGVNNNETCRHLSCVLSGLIADLDALDVC GRTEIRNYRREVVEDINKLLKYLDLEEEADTTKAFDLRQNHSEILKIEKVLKRMREIKNE LLQAQNPSELYLSSKTELQGLIGQLDEVSLKNCPCIREARRRAVIEVQTLITYIDLKEAL

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EKRKLFACEEHPSHKAVWNVLGNLSEIQGEVLSFDGNRTDKNYIRLEELLTKQLLAL  
DAVDPQGEEKCKAARKQAVRLAQNILSYLDLKSDEWEY

**Purity** > 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** BAG5 BCL2-associated athanogene 5 [ Homo sapiens ]

**Official Symbol** BAG5

**Synonyms** BAG5; BAG-5;

**Gene ID** 9529

**mRNA Refseq** NM\_001015048

**Protein Refseq** NP\_001015048

**MIM** 603885

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