

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	1-447 aa
Description	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. ¹ Publication.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	67.2 kDa
AA Sequence	MDMGNQHPSISRLQEIQKEVKSVEQQVIGFSGLSDDKNYKKLERILTKQLFEIDSVDT EGKGDIQQARKRAAQETERLLKELEQNaNHPHRIEQNIFEEAAQSLVREKIVPFYNGG NCVTDEFEEGIQDIILRLTHVKTGGKISLRKARYHTLTKICAVQEIIEDCMKKQPSLPLS EDAHPSVAKINFVMCEVNKARGVLIALLMGVNNNETCRHLSCVLSGLIADLDALDVC GRTEIRNYRREVVEDINKLLKYLDLEEEADTTKAFDLRQNHSLKIEKVLKRMREIKNE LLQAQNPSELYLSSKTELQGLIGQLDEVSLKNPCIREARRRAVIEVQTLITYIDLKEAL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	EKRKLFACEEHP SHKAVWNVLGNLSEIQGEVLSFDGNRTDKNYIRLEELLTKQLLAL 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

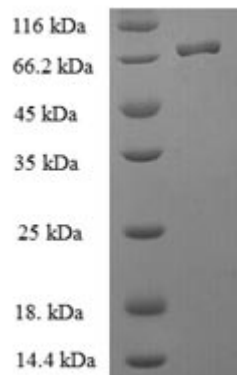
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UniProt ID

Q9UL15



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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