

Datasheet for ABIN7552510 BAT3 Protein (AA 1-1132) (His tag)



Overview

Quantity:	1 mg
Target:	BAT3
Protein Characteristics:	AA 1-1132
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAT3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BAG6 Protein expressed in mammalian cells.	
Sequence:	MEPNDSTSTA VEEPDSLEVL VKTLDSQTRT FIVGAQMNVK EFKEHIAASV SIPSEKQRLI	
	YQGRVLQDDK KLQEYNVGGK VIHLVERAPP QTHLPSGASS GTGSASATHG GGSPPGTRGP	
	GASVHDRNAN SYVMVGTFNL PSDGSAVDVH INMEQAPIQS EPRVRLVMAQ HMIRDIQTLL	
	SRMETLPYLQ CRGGPQPQHS QPPPQPPAVT PEPVALSSQT SEPVESEAPP REPMEAEEVE	
	ERAPAQNPEL TPGPAPAGPT PAPETNAPNH PSPAEYVEVL QELQRLESRL QPFLQRYYEV	
	LGAAATTDYN NNHEGREEDQ RLINLVGESL RLLGNTFVAL SDLRCNLACT PPRHLHVVRP	
	MSHYTTPMVL QQAAIPIQIN VGTTVTMTGN GTRPPPTPNA EAPPPGPGQA SSVAPSSTNV	
	ESSAEGAPPP GPAPPPATSH PRVIRISHQS VEPVVMMHMN IQDSGTQPGG VPSAPTGPLG	
	PPGHGQTLGQ QVPGFPTAPT RVVIARPTPP QARPSHPGGP PVSGTLQGAG LGTNASLAQM	
	VSGLVGQLLM QPVLVAQGTP GMAPPPAPAT ASASAGTTNT ATTAGPAPGG PAQPPPTPQP	
	SMADLQFSQL LGNLLGPAGP GAGGSGVASP TITVAMPGVP AFLQGMTDFL QATQTAPPPP	
	PPPPPPPAP EQQTMPPPGS PSGGAGSPGG LGLESLSPEF FTSVVQGVLS SLLGSLGARA	

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	GSSESIAAFI QRLSGSSNIF EPGADGALGF FGALLSLLCQ NFSMVDVVML LHGHFQPLQR	
	LQPQLRSFFH QHYLGGQEPT PSNIRMATHT LITGLEEYVR ESFSLVQVQP GVDIIRTNLE	
	FLQEQFNSIA AHVLHCTDSG FGARLLELCN QGLFECLALN LHCLGGQQME LAAVINGRIR	
	RMSRGVNPSL VSWLTTMMGL RLQVVLEHMP VGPDAILRYV RRVGDPPQPL PEEPMEVQGA	
	ERASPEPQRE NASPAPGTTA EEAMSRGPPP APEGGSRDEQ DGASAETEPW AAAVPPEWVP	
	IIQQDIQSQR KVKPQPPLSD AYLSGMPAKR RKTMQGEGPQ LLLSEAVSRA AKAAGARPLT	
	SPESLSRDLE APEVQESYRQ QLRSDIQKRL QEDPNYSPQR FPNAQRAFAD DP Sequence without	
	tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a	
	special request, please contact us.	
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different	
	isoform, please contact us regarding an individual offer.	
Characteristics:	Key Benefits:	
	 Made to order protein - from design to production - by highly experienced protein experts. Protein expressed in mammalian cells and purified in one-step affinity chromatography The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. State-of-the-art algorithm used for plasmid design (Gene synthesis). 	
	This protein is a made-to-order protein and will be made for the first time for your order. Our	
	experts in the lab try to ensure that you receive soluble protein.	
	If you are not interested in a full length protein, please contact us for individual protein fragments.	
	The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.	
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)	
Grade:	custom-made	
Target Details		

Target:	BAT3	
Alternative Name:	BAG6 (BAT3 Products)	
Background:	Large proline-rich protein BAG6 (BAG family molecular chaperone regulator 6) (BCL2-	

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controlling the steady-state expression of the IGF1R receptor, indirectly regulates the insulin-like
growth factor receptor signaling pathway (PubMed:26692333).
{EC0:0000250 UniProtKB:Q9Z1R2, EC0:0000269 PubMed:20516149,
EC0:0000269 PubMed:20676083, EC0:0000269 PubMed:21636303,
EC0:0000269 PubMed:21743475, EC0:0000269 PubMed:23129660,
EC0:0000269 PubMed:24981174, EC0:0000269 PubMed:25179605,
EC0:0000269 PubMed:26565908, EC0:0000269 PubMed:26692333,
EC0:0000269 PubMed:27193484, EC0:0000269 PubMed:28104892}., FUNCTION: Involved in
DNA damage-induced apoptosis: following DNA damage, accumulates in the nucleus and
forms a complex with p300/EP300, enhancing p300/EP300-mediated p53/TP53 acetylation
leading to increase p53/TP53 transcriptional activity (PubMed:17403783). When nuclear, may
also act as a component of some chromatin regulator complex that regulates histone 3 'Lys-4'
dimethylation (H3K4me2) (PubMed:18765639). {ECO:0000269 PubMed:17403783,
ECO:0000269 PubMed:18765639}., FUNCTION: Released extracellularly via exosomes, it is a
ligand of the natural killer/NK cells receptor NCR3 and stimulates NK cells cytotoxicity. It may
thereby trigger NK cells cytotoxicity against neighboring tumor cells and immature myeloid
dendritic cells (DC). {ECO:0000269 PubMed:18055229, ECO:0000269 PubMed:18852879}.,
FUNCTION: Mediates ricin-induced apoptosis. {ECO:0000269 PubMed:14960581}.

Molecular Weight:	119.4 kDa
UniProt:	P46379

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for	
	functional studies yet we cannot offer a guarantee though.	
Restrictions:	For Research Use only	

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.

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Expiry Date:

12 months

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