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Datasheet for ABIN7552570

BAG4 Protein (AA 1-457) (His tag)

Overview

Quantity:	1 mg
Target:	BAG4
Protein Characteristics:	AA 1-457
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAG4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BAG4 Protein expressed in mammalian cells.
Sequence:	MSALRRSGYG PSDGPSYGRY YGPGGGDVPV HPPPPLYPLR PEPPQPISW RVRGGGPAET TWLGEGGGGD GYYPSGGAWP EPGRAGGSHQ EQPPYPSYNS NYWNSTARSR APYPSTYPVR PELQQQLNS YTINGAYGPTY PPGGANTAS YSGAYYAPGY TQTSYSTEVP STYRSSGNSP TPVSRWIYPQ QDCQTEAPPL RGQVPGYPPS QNPGMTLPHY PYGDGNRSVP QSGPTVRPQE DAWASPGAYG MGGRYWPSS APSAPPGLY MTESTSPWPS SGSPQSPSP PVQQPKDSSY PYSQSDQSMN RHNFPCSVHQ YESSGTVNND DSDLLDSQVQ YSAEPQLYGN ATSDHPNNQD QSSSLPEECV PSDESTPPSI KKIIHVLEKV QYLEQEVEEF VGKKTDKAYW LLEMLTKEL LELDSVETGG QDSVRQARKE AVCKIQAILE KLEKKGL 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

Product Details

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:

BAG4

Alternative Name:

BAG4 ([BAG4 Products](#))

Background:

BAG family molecular chaperone regulator 4 (BAG-4) (Bcl-2-associated athanogene 4) (Silencer of death domains),FUNCTION: Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release (By similarity). Prevents constitutive TNFRSF1A signaling. Negative regulator of PRKN translocation to damaged mitochondria. {ECO:0000250, ECO:0000269|PubMed:24270810}.

Molecular Weight:

49.6 kDa

UniProt:

[O95429](#)

Pathways:

[Regulation of Actin Filament Polymerization](#)

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.

Expiry Date: 12 months
