

Datasheet for ABIN7548524

PYHIN1 Protein (AA 1-492) (His tag)



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Overview

Quantity:	1 mg
Target:	PYHIN1
Protein Characteristics:	AA 1-492
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PYHIN1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PYHIN1 Protein expressed in mammalian cells.
Sequence:	<p>MANNYKKIVL LKGLEVINDY HFRIVKSLLS NDLKLNPKMK EYDKIQIAD LMEEKFPGDA</p> <p>GLGKLIEFFK EIPTLGDLAE TLKREKLKVA NKIESIPVKG IIPSKTKQK EVYPATPACT</p> <p>PSNRLTAKGA EETLGPQKRK KPSEEETGTK RSKMSKEQTR PSCSAGASTS TAMGRSPPPQ</p> <p>TSSSAPPNTS STESLKPLAN RHATASKNIF REDPIIAMVL NATKVFKYES SENEQRRMFH</p> <p>ATVATQTQFF HVKVLNINLK RKFIKKRII ISNYSKRNSL LEVNEASSVS EAGPDQTFEV</p> <p>PKDIIRRAK IPKINILHKQ TSGYIVYGLF MLHTKIVNRK TTIYEIQDKT GSMVAVGKGE</p> <p>CHNIPCEKGD KLRLFCFRLR KRENMSKLMS EMHSFIQIQK NTNQRSHDSR SMALPQEQSQ</p> <p>HPKPSEASTT LPESHLKTPQ MPPTTPSSSS FTKKDETHPG AQSSPANFRI TSPTVAPPLS</p> <p>SDTSTNRHPA VP 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.</p>
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:

PYHIN1

Alternative Name:

PYHIN1 ([PYHIN1 Products](#))

Background:

Pyrin and HIN domain-containing protein 1 (Interferon-inducible protein X),FUNCTION: Major mediator of the tumor suppressor activity of IFN in breast cancer cells. Promotes ubiquitination and subsequent degradation of MDM2, which leads to p53/TP53 stabilization. Promotes ubiquitination and subsequent degradation of HDAC1, which in turn enhances maspin expression, and impairs invasive activity of cancer cells. {ECO:0000269|PubMed:16479015, ECO:0000269|PubMed:18247378}.

Molecular Weight:

55.1 kDa

UniProt:

[Q6K0P9](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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