

Datasheet for ABIN7561063

Pirin Protein (PIR) (AA 1-290) (His tag)



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Overview

Quantity:	1 mg
Target:	Pirin (PIR)
Protein Characteristics:	AA 1-290
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Pirin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pir Protein expressed in mammalian cells.
Sequence:	<p>MASSKKVTLVLSREQSEGV GARVRRSISR PELKNLDPFL LFDEFKGGKP GGFPDHPHRG</p> <p>FETVSYLLEG GSMAHEDFCG HVGKMNPGDL QWMTAGRGIL HAEMPCSEEP AHGLQLWVNL</p> <p>RRSEKMVAQY QELKSEEIP KPTKDGVTVA VISGEALGIK SKVYTRTPTL YLDFKLDQGA</p> <p>KHSQPIPKGW TSFIYTISGD VYIGPDDAQQ KIEPHHTAVL GEGDAVQLEN KDPKRSHFVL</p> <p>IAGEPLREPV VQHGPVFMNT NEEISQAILD FRNAKNGFEG ARTWWSKIGN 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>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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, Western Blot
Grade:	custom-made

Target Details

Target:	Pirin (PIR)
Alternative Name:	Pir (PIR Products)
Background:	Pirin (EC 1.13.11.24) (Probable quercetin 2,3-dioxygenase PIR) (Probable quercetinase),FUNCTION: Transcriptional coregulator of NF-kappa-B which facilitates binding of NF-kappa-B proteins to target kappa-B genes in a redox-state-dependent manner. May be required for efficient terminal myeloid maturation of hematopoietic cells. Has quercetin 2,3-dioxygenase activity (in vitro). {ECO:0000250 UniProtKB:O00625}.
Molecular Weight:	32.1 kDa
UniProt:	Q9D711

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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