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Datasheet for ABIN3135118

## RIMBP3 Protein (AA 1-1490) (His tag)

### 1 Image

#### Overview

Quantity:	1 mg
Target:	RIMBP3
Protein Characteristics:	AA 1-1490
Origin:	Mouse
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RIMBP3 protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)

#### Product Details

Sequence: MRQLQQLLHQ ERDVLRQAR ELQRQLAQEL VNRGYCSRSG ASEASAAQCR CRLQEVLALL  
RWETDGEQAA RIRHLQAALD VERQLFLKYI LEHFRWQPAL PGPADPQATH SLEEPPLAQ  
SNTGGTPKPA RRLGSLESLN TGVRVHSPND LLPTRAGSLE SLATAHSCSL DNTLNCSQAS  
ESEVRAPATS ASIPDTSSPQ PPPQLPSIHR KPNDLQKESS ENKPCEASTS SPPGLDYQEL  
VRQNSELAEA LQVLVRRCCD LREENLHLRR KGFSEEAGEK VKWLKVKHAE LTDLAQRLED  
RARKLQETNL RAMSAPVPGE SLEGLDLSQV FTCQRAQDLS EQAGALQAKD LQIEALRREC  
HLLQARIAAD LGSSSHPEEG ATCAQWCNIS DLDRLQRESQ REVLRLQRQL TLHQSKAGAW  
ADAGRPSTPS EITRHQVQAL ERELGLQRRE CEELSVQAAA AERRYEETA QLQAALHKGA  
RLSEENARLQ ALANWMKKMA DENSNVSRQQ SHTRQRQELE ATSLLAEQLL QQEGYAQDRR  
QQLQHYKNKA LSDLRTSGKE MQGLQFQPGH PSETSETTQA SESQARDSGR PTFKTKSEER  
VLPLPTRDIQ PPACLSQQEN PVIVEEPAAG PQVSDRNSTS QSLDSKPQAK KTSSQSNSSS  
EVESMWATVP SCLSLDMDTA SEVDDLEPDS MSTPLEMRS� EAPIPKLKL FLARSSYNPF

EGPSEHCQGK LPLTAGDYVY VFGDMDDEGF YEGELVNGQR GLVPSNLVEP ISGSPILNHL  
FLKSPDIGPT ALPAGHASKVL KKGSLLLGEV QERGLCQVGR VDSKTDMAAE SLKTKTEACW  
LGLKSSLEEQ SFSRPLLEAK GAFCLAPMEL QLQNVATSA TITWASGSNR YPHVVYLDDE  
EHILTPSGVN HYTFQGLHPG TCYRVRVG VQ LPRDLLQVLW ETTSSSTLTFD TPLAGPPDPP  
LDVLVEHHAS PGVLVSWLP VTIDSAGSSN GVQVTGYAVY VDGFKVTEVA DATAGNTLLE  
FSQLQVPLSC QKVSVRTMSL YGESLDSVPA QIPEDFFSCC PFLGAPPFNY TDGNPPFVCH  
QKLVQASLGA KSSPRGPGNC GEPQAKFLEA FPEEHPRKHL SLSSSLSSDGT NSQAQGPTEA  
WKGYEKDL SF QKSPQNHKPP LLFGQSGVEE GHAPHICISG SPAPGFVHLS SEIGHGKIRC  
WEKPGLEKAL LQNQYAPMVP PHQQGSSQCQ PADFHVVFEE KEALCLDSQG TEKPEQRKNK  
SQNGQRQGTP GSKRECSVLC PAPT NKVIKM TSGSPDQLET DANNPVRVFL ALFDHSPLVI  
SVNSEAAAAEE LAFQKGQLLR VWGSLDLHGF YHGECNGHLG KIPGHLVVEV EVGTQQTDGR  
WHLPAQGHLL SETQREDLEG LTNSQGSYMP QGNSRTPTLW TPKTMVAALD YDPRDGRAGV  
QAKGKLV LRA GDVVTVYGPV DDKGFYGEY GGHRGLVPAH LDDLPVHGE

**Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.**

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### Characteristics:

- Made in Germany - from design to production - by highly experienced protein experts.
- Mouse Rimb3 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- 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 will ensure that you receive a correctly folded protein.

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.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receipt of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered.

The concentration of our recombinant proteins is measured using the absorbance at 280nm.

The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use

## Product Details

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the Expsy's protparam tool to determine the absorption coefficient of each protein.

Purification:	Two step purification of proteins expressed in baculovirus infected SF9 insect cells: <ol style="list-style-type: none"><li>1. In a first purification step, the protein is purified from the cleared cell lysate using three different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE.</li><li>2. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.</li></ol>
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Protein is endotoxin free.
Grade:	Crystallography grade

## Target Details

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Target:	RIMBP3
Alternative Name:	Rimbp3 ( <a href="#">RIMBP3 Products</a> )
Molecular Weight:	164.6 kDa Including tag.
UniProt:	<a href="#">Q3V0F0</a>

## Application Details

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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.
Comment:	Protein has not been tested for activity yet. In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
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## Handling

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Buffer:	100 mM NaCl, 20 mM Hepes, 10% glycerol. pH value 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:	Unlimited (if stored properly)

## Images

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**Image 1.** „Crystallography Grade“ protein due to multi-step, protein-specific purification process