

Datasheet for ABIN3128367

RBM7 Protein (AA 1-265) (His-SUMOstar Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	1 mg
Target:	RBM7
Protein Characteristics:	AA 1-265
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBM7 protein is labelled with His-SUMOstar Tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)

Product Details

Sequence:	MHHHHHHHDSE VNQEAKPEVK PEVKPETHIN LKVSDGSSEI FFKIKKTTPL RRLMEAFKR QGKEMDSLTF LYDGIEIQAD QTPEDLDMED NDIEAHREQ IGGENLYFQS GAAAAEADRT LFVGNLETKV TEELLFELFH QAGPVIKVKI PKDKDGKLGKQ FAFVNFKHEV SVPYAMNLLN GIKLFGRPIK IQFRSGSSHA SQDASVSYPQ HHVGNLSPTS TSPNSYERTV GNVSPTAQMV QRSFSSPEDY QRQAVMNSVF RQMSYAGKFG SPHADQLGFS PSAQPHGHTF NQSSSSQWRQ DALSSQRKRQ NSHPYLADRH YSREQRYSDH GSDYHYRGSR EDFYDDRNDH DGWSHDYDNR RDSSRGGKWP SSRH
Specificity:	N-terminaler His-Tag, SUMOstar-Tag and TEV digestion site
Characteristics:	<ul style="list-style-type: none">• Made in Germany - from design to production - by highly experienced protein experts.• Mouse Rbm7 Protein (raised in E. Coli) purified by multi-step, protein-specific process to ensure crystallization grade.• State-of-the-art algorithm used for plasmid design (Gene synthesis).

Product Details

This made-to-order protein has already been successfully produced. Please let us know if you are interested in purchasing a smaller amount of this protein. We will check our stock and make you a customized quote in case we can provide this protein in a smaller amount.

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 the ExPASy's ProtParam tool to determine the absorption coefficient of each protein.

Purification:	Two step purification of proteins expressed in bacterial culture: 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. 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.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Endotoxin has not been removed. Please contact us if you require endotoxin removal.
Grade:	Crystallography grade

Target Details

Target:	RBM7
Alternative Name:	Rbm7 (RBM7 Products)
Background:	Possible involved in germ cell RNA processing and meiosis. {ECO:0000250}.
Molecular Weight:	31.1 kDa Including tag.
UniProt:	Q9CQT2

Application Details

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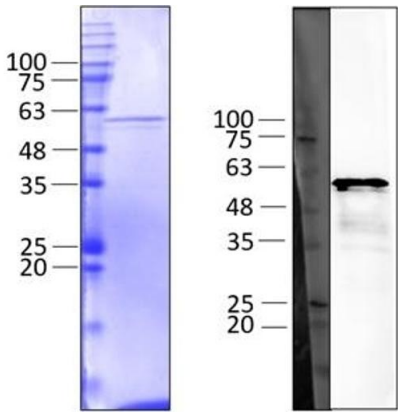
Application Details

	as well. As the protein has not been tested for functional studies yet we cannot offer a gurantee 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

Format:	Liquid
Buffer:	50 mM Hepes, pH 7.7; 500 mM KCl, 10 % Glycerol, 3 mM BME, 10 mM MgCl2, PIC
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)

Images



RNA Binding Motif Protein 7 (RBM7)
sp|Q9CQT2|1-265

Western Blotting

Image 1.



Image 2. „Crystallography Grade“ protein due to multi-step, protein-specific purification process