

Product datasheet

Recombinant Human RRM2 protein ab99137

1 Image

Description

Product name	Recombinant Human RRM2 protein
Purity	> 90 % SDS-PAGE. ab99137 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P31350</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHH SSSLVPRGSH ML^SLRVPLAP ITDPQQLQLS PLKGLSLVDK ENT^PPALSGT RVLASKTARR IFQEPT^EPKT KAAAPGVEDEPLLREN^PRRF VIFPIEYHDI WQMYKKA^EAS FWTAE^EVDLS KDIQHWESLK PEERYFISHV LAFFAASDGI V^NENLVERFS QEVQITEARC FYGFQIAMEN IHSEMYSLLI DTYIKDPKER EFLFNAIETM PCVKKKADWA LRWIGDKEAT YGERVVAFAA VEGIFFSGSF ASIFWLKKRGLMPGLTFSNE LISRDEGLHC DFA^CLMFKHL VHKPSEERVR EIIINAVRIE QEFLTEALPV KLIGN^CTLM KQYIEFVADR LMLELGFSKV FRVENPFD^FM ENISLEGKTN FFEKRVGEYQ RMGVMSSPTE NSFTLDADF</p>
Predicted molecular weight	47 kDa including tags
Amino acids	1 to 389
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab99137** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	Mass Spectrometry

Mass spectrometry	MALDI-TOF
Form	Liquid

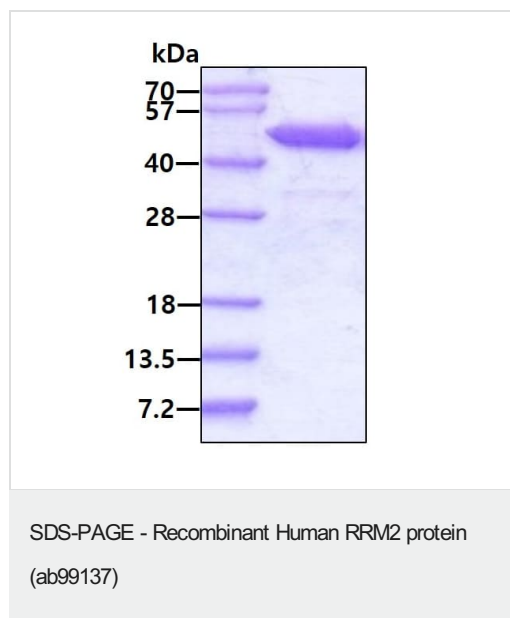
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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General Info

Function	Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. Inhibits Wnt signaling.
Pathway	Genetic information processing; DNA replication.
Sequence similarities	Belongs to the ribonucleoside diphosphate reductase small chain family.
Post-translational modifications	Phosphorylation on Ser-20 relieves the inhibitory effect on Wnt signaling.
Cellular localization	Cytoplasm.

Images



3ug by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

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