

Datasheet for ABIN667014

RRM2 Protein (AA 1-389) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	RRM2
Protein Characteristics:	AA 1-389
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RRM2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	RRM2, 1-389aa, Human, His tag, E.coli
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	RRM2
Alternative Name:	RRM2 (RRM2 Products)
Background:	RRM2, also known as ribonucleotide reductase M2, is an enzyme that catalyzes the formation of deoxyribonucleotides from ribonucleotides. This protein plays a critical role in regulating the total rate of DNA synthesis so that DNA to cell mass is maintained at a constant ratio during cell division and DNA repair. Recombinant human RRM2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Target Details

	Synonyms: R2, RR2, RR2M, Ribonucleoside-diphosphate reductase subunit M2 Ribonucleotide reductase M2 subunit, Ribonucleotide reductase small subunit,. NCBI no.: NP_001025
Molecular Weight:	47.0 kDa (409aa) confirmed by MALDI-TOF
Pathways:	Mitotic G1-G1/S Phases

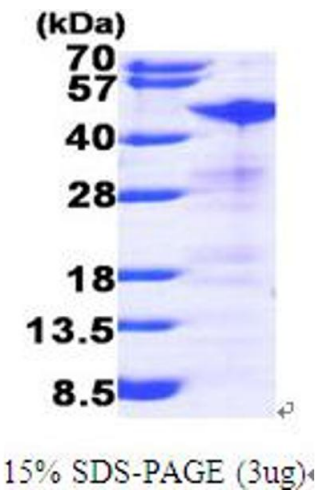
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1.0 mg/ml (determined by Bradford assay)
Buffer:	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
Storage:	4 °C

Images



SDS-PAGE

Image 1.