



[Go to Product page](#)

Datasheet for ABIN7318947 PRM2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	PRM2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRM2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Protamine-2/PRM2 Protein (His Tag)
Sequence:	Met 1-Phe389
Characteristics:	Recombinant Human Ribonucleotide Reductase Small Chain is produced by our Mammalian expression system and the target gene encoding Met1-Phe389 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PRM2
Alternative Name:	Protamine-2/PRM2 (PRM2 Products)
Background:	Background: Ribonucleoside-Diphosphate Reductase Subunit M2 (RRM2) belongs to the ribonucleoside diphosphate reductase small chain family. The reductase of RRM2 catalyzes the

Target Details

formation of deoxyribonucleotides from ribonucleotides. Synthesis of the encoded protein (M2) is regulated in a cell-cycle dependent fashion. RRM2 supplies the precursors essential for DNA synthesis. RRM2 catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. Phosphorylation on Ser-20 relieves the inhibitory effect on Wnt signaling. Synonym: Ribonucleoside-Diphosphate Reductase Subunit M2, Ribonucleotide Reductase Small Chain, Ribonucleotide Reductase Small Subunit, RRM2, RR2

Molecular Weight: 45.9 kDa

UniProt: [P31350](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.