

Recombinant Human Protamine-2/PRM2 Protein(C-6His)

Cat.NO.: TP06003

3th Edition

Synonyms:Ribonucleoside-Diphosphate Reductase Subunit M2; Ribonucleotide Reductase Small Chain; Ribonucleotide Reductase Small Subunit; RRM2; RR2

Description:Ribonucleoside-Diphosphate Reductase Subunit M2 (RRM2) belongs to the ribonucleoside diphosphate reductase small chain family. The reductase of RRM2 catalyzes the 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.

Form:PBS

Molecular Weight:45.9 kDa

Sequences:Met 1-Phe389

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.