

32-2797: RRM2 Recombinant Protein

Alternative Name : EC 1.17.4.1,RR2M,RR2,Ribonucleotide Reductase M2,R2,RRM2.

Description

Source : Escherichia Coli. RRM2 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 409 amino acids (1-389 a.a.) and having a molecular mass of 47 kDa. The RRM2 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. RRM2 catalyzes the formation of deoxyribonucleotides from ribonucleotides. Synthesis RRM2 is regulated in a cell-cycle dependent method. RRM2 supplies the precursors essential for DNA synthesis. RRM2 catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. RRM2 Inhibits Wnt signaling.

Product Info

Amount :	25 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	RRM2 Human containing 20mM Tris HCL pH-8, 0.1M NaCl, & 10% glycerol.
Storage condition :	RRM2 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MLSLRVPLAP ITDPQQQLQS PLKGLSLVDK ENTPPALSQT RVLASKTARR IFQEPTPKT KAAAPGVEDE PLLRENPRRF VIFPIEYHDI WQMYKKAAS FWTAEEVDLS KDIQHWESLK PEERYFISHV LAFFAASDGI VNENLVERFS QEVQITEARC FYGFQIAMEN IHSEMYSLLI DTYIKDPKER EFLFNAIETM PCVKKKADWA LRWIGDKEAT YGERVVAFAA VEGIFFSGSF ASIFWLKCRG LMPGLTFSNE LISRDEGLHC DFACLMFKHL VHKPSEERV EIIINAVRIE QEFLTEALPV KLIGMNCTLM KQYIEFVADR LMLELGFASKV FRVENPFDFM ENISLEGKTN FFEKRVGEYQ RMGVMSSPTE NSFTLDADF.