

RRM2 Human

Description: 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.

Catalog #: ENPS-530

For research use only.

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

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MLSLRVPLAP ITDPQQLQLS
PLKGLSLVDK ENTPPALS GT RVLASKTARR IFQEPTPKT KAAAPGVEDE PLLRENPRRF
VIFPIEYHDI WQMYKAEAS FWTAEEVDLS KDIQHWESLK PEERYFISHV LAFFAASDGI
VNENLVERFS QEVQITEARC FYGFQIAMEN IHSEMYSLLI DTYIKDPKER EFLFNAIETM
PCVKKKADWA LR

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:

RRM2 Human containing 20mM Tris HCL pH-8, 0.1M NaCl, & 10% glycerol.

Stability:

RRM2 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C.
Please prevent freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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