

Recombinant Human RRM1

Catalog No: #GP10720



Package Size: #GP10720-1 100ug

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Description

Product Name	Recombinant Human RRM1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 226 amino acids of human ribonucleotide reductase M1
Target Name	Ribonucleotide reductase M1
Other Names	R1; RR1; RIR1
Accession No.	Swissprot:P23921Gene Accession:BC006498
Uniprot	P23921
GeneID	6240;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes one of two non-identical subunits that constitute ribonucleoside-diphosphate reductase, an enzyme essential for the production of deoxyribonucleotides prior to DNA synthesis in S phase of dividing cells. It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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