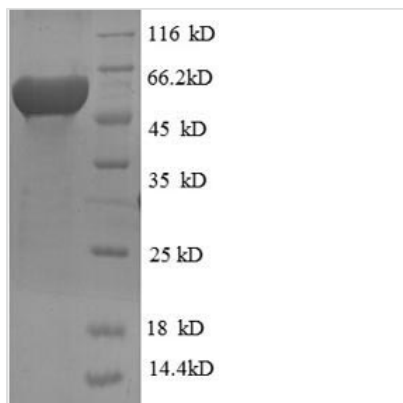




Recombinant Human Ribonucleoside-diphosphate reductase subunit M2 (RRM2)

Product Code	CSB-EP020519HU
Relevance	Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. Inhibits Wnt signaling.
Abbreviation	Recombinant Human RRM2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P31350
Alias	Ribonucleotide reductase small chainRibonucleotide reductase small subunit
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	<p> MLSLRVPLAPITDPQQQLQLSPLKGLSLVDKENTPPALSGTRVLASKTARRIFQE PTEPKTKAAAPGVEDEPLLRENPRRFVIFPIEYHDIWQMYKKAEEASFWTAAEEV DLSKDIQHWESLKPEERYFISHVLAFFAASDGIVNENLVERFSQEVQITEARCF YGFQIAMENIHSEMYSLIDITYIKDPKEREFLFNAIETMPCVKKKADWALRWIGD KEATYGERVVAAFAAVEGIFFSGSFASIFWLKRGRLMPGLTFSNELISRDEGLHC DFACLMFKHLVHKPSEERVREIIINAVRIEQEFLTEALPVKLIGMNCTLMKQYIEF VADRLMLELGFVFRVENPFDPMENISLEGKTNFFEKRVGEYQRMGVMSSP TENSFTLDADF </p>
Research Area	Transcription
Source	E.coli
Target Names	RRM2
Expression Region	1-389a
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	60.9kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.