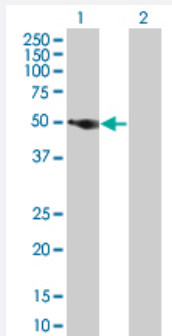


RRM2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006241-T01

Size 100 uL

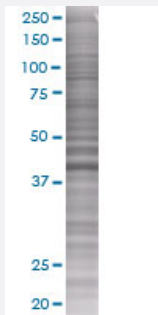
Applications



Western Blot

Lane 1: RRM2 transfected lysate (44.9 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

RRM2 transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-RRM2 full-length

Host Human

Theoretical MW (kDa) 42.9

Quality Control Testing Transient overexpression cell lysate was tested with Anti-RRM2 antibody ([H00006241-B01](#)) by Western Blots.
Western Blot
Lane 1: RRM2 transfected lysate (44.9 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
RRM2 transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RRM2

Entrez GeneID[6241](#)**GeneBank Accession#**[NM_001034](#)**Protein Accession#**[NP_001025](#)**Gene Name**

RRM2

Gene Alias

R2, RR2M

Gene Description

ribonucleotide reductase M2 polypeptide

Omim ID[180390](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes one of two non-identical subunits for ribonucleotide reductase. This reductase catalyzes the formation of deoxyribonucleotides from ribonucleotides. Synthesis of the encoded protein (M2) is regulated in a cell-cycle dependent fashion. Transcription from this gene can initiate from alternative promoters, which results in two isoforms that differ in the lengths of their N-termini. Related pseudogenes have been identified on chromosomes 1 and X. [provided by RefSeq]

Other Designations

ribonucleotide reductase M2 subunit

Pathway

- [Glutathione metabolism](#)
- [Metabolic pathways](#)
- [p53 signaling pathway](#)
- [Purine metabolism](#)

- [Pyrimidine metabolism](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatic Neoplasms](#)