

Product datasheet for TP510678

Rrm1 (NM_009103) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ribonucleotide reductase M1 (Rrm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210678 representing NM_009103 Red=Cloning site Green=Tags(s)

MHVIKRDGRQERVMFDKITSRIQKLCYGLNMDFVDPAQITMKVIQGLYSGVTTVELDTLAAETAATLTTK
HPDYAILAARIAVSNLHKETKKVFSQVDMEDLYNYINPHNGRHSPMVASSTLDIVMANKDRLNSAIYDRD
FSYNYFGFKTLERSYLLKINGKVAERPQHMLMRVSVGIHKEDIDAAIETYNLLSEKWFTHASPTLFNAGT
NRPQLSSCFLLSMKDDSIIEGYDTLQKCALISKSAGGIGVAVSCIRATGSYIAGTNGNSNGLVPMRLVYN
NTARYVDQGGNKRPGAFIYLEPWHLDFEFLDLKKNKGKEEQRRARDLFFALWIPDLFMKRVETNQDWSL
MCPNECPGLDEVWGEEFEKLYESYEKQGRVRKVVKAQQLWYAIIESQTETGTPYMLYKDCSNRKSNNQNL
GTIKCSNLCTEIVEYTSKDEVAVCNLSLALNMYVTPEHTYDFEKLAEVTKVIVRNLNKIIDINYPIPE
AHLNKRHRPIGIVQGLADAFILMRYPFESPEAQLLNKQIFETIYGALEASCELAKEYGPYETYEGSP
VSKGILQYDMWNVAPTDLWDWKPLKEKIAKYGIRNSLLIAPMPTASTAQLGNNESIEPYTSNIYTRRVL
SGEFQIVNPHLLKDLTERGLWNEEMKNQIIACNGSIQSIPEIPDDLKQLYKTVWEISQKTVLKMAAERGA
FIDQSQSLNIHIAEPNYGKLTSMHFYGWKQGLKTMYYLRTRPAANPIQFTLNKEKLDKEKALKEEEEEK
ERNTAAMVCSLENREECLMCGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	90.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033129
Locus ID:	20133
UniProt ID:	P07742
RefSeq Size:	3997
Cytogenetics:	7 54.72 cM
RefSeq ORF:	2376
Synonyms:	RnrM1
Summary:	Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides.[UniProtKB/Swiss-Prot Function]