

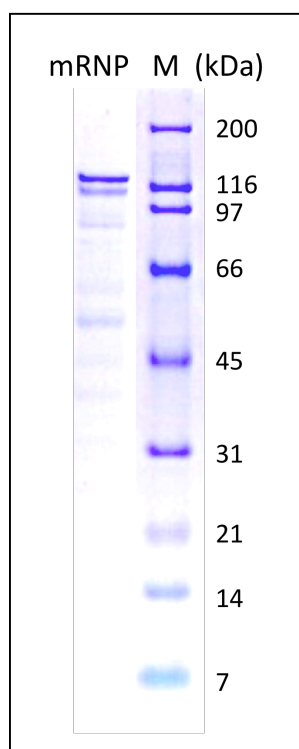
Recombinant Human mito RNA Polymerase

Catalog Number	Size
AG325-20	20ug
AG325-100	100ug
AG325-B	Bulk

Specifications and Use

Description

Recombinant human mitochondrial RNA polymerase (mRNP 44-1230) was expressed in Sf9 cells and purified by an affinity column in combination of other chromatograph methods. The resulted protein is a monomeric polypeptide of 1202 (1187+15) amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 130kDa.



MHHHHHHGRRASVLEASPOEQDQDRRKDWGHVELLEVLQARVRQLOAESV
 SEVVVNRVDVARLPECESGDGSLQPPRKVQMGAKDATPVPCGRWAKILEK
 DKRTQQMRMQRLLKAKLQMPFQSGEFKALTRRLQVEPRLLSKQMGACLEDC
 TRQAPESPWEEQLAQLLQEAPGKLSLDVEQAPSGQHSQAQLSGQQORLLA
 FFKCCLLTDQLPLAHLLLVVHHGQRQKRKLLTLDMYNAVMLGWARQGAFAK
 ELVYVLFMVKDAGLTPDLLSYAAALQCMGRQDQDAGTIERCLEQMSQOGL
 KLQALFTAVLLSEEDRATVLKAVHKVKPTFSLPPQLPPPNTSKLLRDVY
 AKDGRVSYPKLHLPLKTLQCLFEKQLHMELASRVCVVSVEKPTLPSKEVK
 HARKTLKTLRDQWEKALCRALRETKNRLEREVEYEGRFSLYPFLCLLDERE
 VVRMLLQVLQALPAQGESFTTLARELSARTFSRHVVQRQRVSGQVQALQN
 HYRKYLCLLASDAEVEPECLPRQYWEALGAPEALREQPWPLPVQOMELGKL
 LAEMLVQATQMPCSLDKPHSSRLVPVLYHVYSFRNVQQIGILKHPAYV
 QLEKAAEPTLTFEAVDVPMLCPPLPWTSPHSGAFLLSPTKLMRTVEGAT
 QHQELLETCPPPTALHGALDALTQLGNCARVNRVLDLVLQLFQAKGCPQ
 LGVPAPPSEAPQPPEAHLPHSAAPARKAELRRELAHCQKVAREMHSRAE
 ALYRLSLAQHLRDRVFWLPHNMDFRGRTPCPPHFNHLGSDVARALLEFA
 QGRPLGPHGLDWLKIHLVNLTLGLKKREPLRKRLAFAEEVMDDILDSADQP
 LTGRKWWMGAEPPWQTLACCMEVANAVRASDPAAYVSHLPVHQDGCNGL
 QHYAALGRDSVGAASVNLPSDVPQDVYSGVAAQVEVFRRODAQRGMVA
 QVLEGFITRKVVKQTVMTVVYGVTRYGGRLQIEKRLRELSDFPQEFVWEA
 SHYLVRQVFKSLQEMFSGTRAIQHWLTESARLISHMGSVVEWVTPLGVPV
 IQPYRLDSKVQIGGGIQSITYTHNGDISRKPNTRKQKNGFPPNF IHSLD
 SSHMMLTALHCYRKGLTFVSVHDCYWTHAADVSVMNQVCREQFVRLHSEP
 ILQDLSRFLVKRFCSEPOKILEASQLKETLQAVPKPGAFDLEQVKRSTYF
 FS*

Accession Number

NM_005035

Source

Sf9

Molecular Mass

Approximately 130kD.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Recombinant human mRNP protein is suitable for the studies of DNA-directed RNA synthesis and other related function assays.

Formulation

20mM HEPES-Na, pH7.9, 20% glycerol, 100mM NaCl, 2mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity.

Special Notes

FOR RESEARCH USE ONLY