

General Information

Gene Name Synonym

EC 3.6.4.12; Minichromosome maintenance protein 2 homolog; Nuclear protein BM28

Protein Construction

A DNA sequence encoding the human MCM2 (NP_004517.2) 657-904 aa was fused with the N-terminal GST tag

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Not tested.

Endotoxin

Please contact the lab for more information.

Stability

Aliquot and store at -20°C to -80°C for up to 6 months. Avoid freeze thaw cycles.

Formulation

PBS (58mM Na_2HPO_4 , 17mM NaH_2PO_4 , 68mM NaCl , pH7.4).

Usage Guide

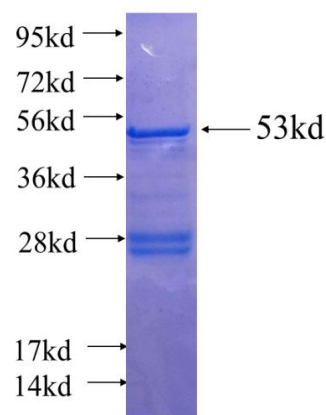
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Reconstitute at $0.25\ \mu\text{g}/\mu\text{l}$ in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

SDS-PAGE



Recombinant human MCM2 SDS-PAGE