Recombinant SMD3 protein (His tag)

Catalog Number: 547135

Gene Name Synonym

Sm-D3; snRNP core protein D3

Protein Construction

DNA encoding 2-126 aa (P62318) were fused with C-terminal 6His tag.

Organism

Human

Expression Host

E. coli

Activity

Not tested.

Purity

>90%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Endotoxin

Please contact the lab for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70℃

Molecular Mass

Predictes a molecular mass of 15.44 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Formulation

Lyophilized from sterile 25 mM HEPES, 20 mM NaCl, pH 8.0

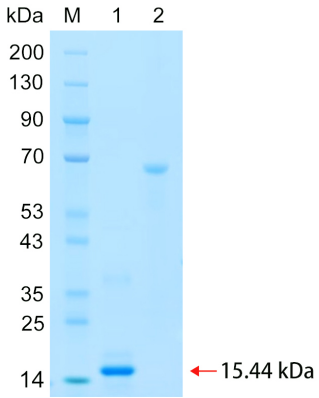
Storage

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

Reconstitution

Reconstitute at 0.25 µg/µl 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



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M: Marker; Lane 1: SMD3; Lane 2: BSA