

# Recombinant DT3C (Diphtheria toxin & spg 3C domain) protein



Catalog Number: 530421

## General Information

### Gene Name Synonym

Diphtheria toxin & spg 3C domain

### Protein Construction

DNAs encoding 33-417aa (P00588) & 291-497aa (P19909) were fused with N-terminal 6His tag

### Expression Host

E. coli

## QC Testing

### Purity

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

### Endotoxin

<5 EU/mg

### Stability

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

### Formulation

20mM Tris-HCl, 150mM NaCl, pH 8.0

## Usage Guide

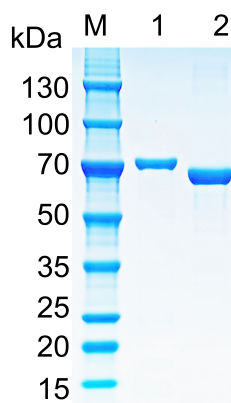
### Storage

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 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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Lane 1: DT3C, Lane 2: BSA