

# Human DUSP14 / MKP-6 (His & MBP Tag) recombinant protein



Catalog Number: 501865

## General Information

### Gene Name Synonym

MKP-1-like protein tyrosine phosphatase;  
Mitogen-activated protein kinase phosphatase 6

### Protein Construction

A DNA sequence encoding the human DUSP14 (O95147) (Met 1 -His 191) was fused with an N-terminal polyhistidine-tagged MBP tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 88 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

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

### Predicted N terminal

Met

### Molecular Mass

The recombinant human DUSP14/MBP fusion protein consists of 587 amino acids and has a calculated molecular mass of 65 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

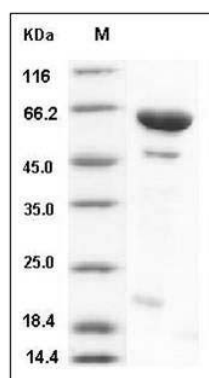
### Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



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SDS-PAGE