Catalog Number: 530419



# **General Information**

#### **Protein Construction**

39-281 aa encoded by <u>NM\_001190943</u> was inserted into pGEX-4T vector

### Organism

Human

### **Expression Host**

E. coli

## **QC Testing**

### Activity

Not tested.

### Purity

85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

## Endotoxin

Please contact the lab for more information.

## Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

## Formulation

The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 15% glycerol, 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.

## **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  $\mu$ g/ $\mu$ l in 200  $\mu$ l sterile water for short-term storage. Reconstitution with 200  $\mu$ l 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**

kDa	м	1	2	3
130	-			
100	-			
70	-		-	-
50	۲			
35	۲			
25	-			
15	-	_		
10	-			

M: Maker, Lane 1: Trail (tag-free), Lane 2: BSA (4ug), Lane 3: BSA (8ug)