# Recombinant ALKB5 protein (His tag)

Catalog Number: 540527

### Gene Name Synonym

Alkylated DNA repair protein alkB homolog 5; Alpha-ketoglutarate-dependent dioxygenase alkB homolog 5

### Protein Construction

DNA encoding 74-294 aa (Q6P6C2) were fused with N-terminal 6His tag.

### Organism

Human

### Expression Host

E. coli

### Activity

Not tested.

### Purity

>85%, 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 27.42 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 29 kDa band.

### Formulation

Lyophilized from sterile 20 mM Tris-HCl, 150 mM NaCl, 1 mM DTT, 5% glycerol, pH 8.0

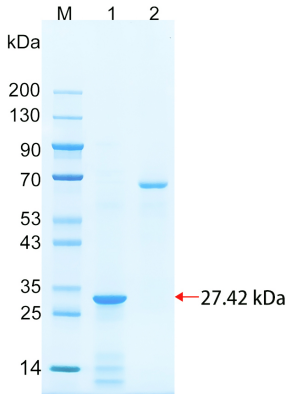
### Storage

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




Recombinant ALKB5 protein SDS-PAGE

M: Marker; Lane 1: ALKB5; Lane 2: BSA