

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°C

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

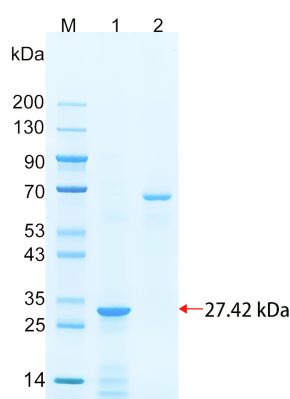
Storage

Store it under sterile conditions at -20°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



Recombinant ALKB5 protein SDS-PAGE

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