

# Recombinant E2AK1 protein (His tag)



Catalog Number: 543478

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## Gene Name Synonym

Heme-controlled repressor; HCR; Heme-regulated eukaryotic initiation factor eIF-2-alpha kinase; Heme-regulated inhibitor; hHRI; Hemin-sensitive initiation factor 2-alpha kinase

## Protein Construction

DNA encoding 65-237 aa (Q9BQI3) were fused with 6His tag.

## Organism

Human

## Expression Host

E. coli

## Activity

Not tested.

## Purity

>89%, 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 21.62 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 22 kDa band.

## Formulation

Lyophilized from sterile PBS, pH 7.4

## 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.