

# Human Fragile histidine triad / FHIT (His Tag) recombinant protein



Catalog Number: 501941

## General Information

### Gene Name Synonym

AP3A hydrolase; Diadenosine 5',5'''-P<sub>1</sub>,P<sub>3</sub>-triphosphate hydrolase; Dinucleosidetriphosphatase; Fragile histidine triad protein

### Protein Construction

A DNA sequence encoding the human FHIT (P49789) (Met1-Gln147) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 85 % 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 FHIT consists of 153 amino acids and predicts a molecular mass of 17.7 KDa. It migrates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 10% glycerol, pH 8.0

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

## Usage Guide

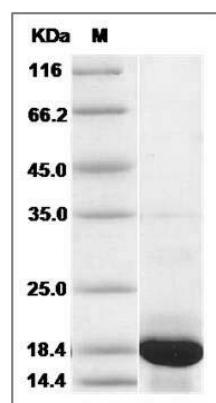
### Storage

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



Human Fragile histidine triad / FHIT Protein (His Tag) SDS-PAGE