

## Recombinant Human FHIT, His tagged

**Cat. No.** FHIT-559H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FHIT (P49789) (Met1-Gln147), fused with a polyhistidine tag at the C-terminus, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-147 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile 50mM Tris, 10% glycerol, pH 8.0 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** FHIT fragile histidine triad [ Homo sapiens ]

**Official Symbol** FHIT

**Gene ID** 2272

**mRNA Refseq** NM\_001166243

**Protein Refseq** NP\_001159715

**MIM** 601153

**UniProt ID** P49789

**Chromosome Location** 3p14.2

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