

Recombinant Human FHIT protein, His-tagged

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

SPECIFICATION

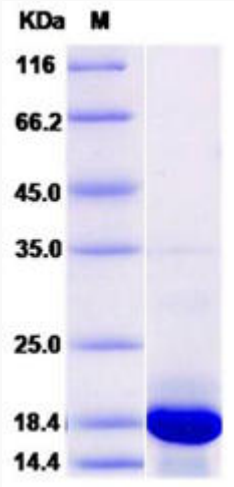
Product Overview	Recombinant Human FHIT protein(P49789) (Met1-Gln147) was expressed in E.coli with a polyhistidine tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	1-147 aa
Form	Lyophilized from sterile 50mM Tris, 10% glycerol, pH 8.0.
Molecular Mass	The recombinant human FHIT consists 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.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	FHIT fragile histidine triad [Homo sapiens]
Official Symbol	FHIT
Synonyms	FHIT; fragile histidine triad; fragile histidine triad gene; bis(5-adenosyl)-triphosphatase; AP3Aase; FRA3B; AP3A hydrolase; tumor suppressor protein; dinucleosidetriphosphatase; diadenosine 5,5-P1,P3-triphosphate hydrolase;
Gene ID	2272
mRNA Refseq	NM_001166243
Protein Refseq	NP_001159715
MIM	601153
UniProt ID	P49789
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left lane (labeled KDa) and a sample lane (labeled M). The markers are at 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4 kDa. A prominent blue band is visible in the sample lane at approximately 18.4 kDa.