Recombinant Human FHIT Protein, GST-tagged

Cat. No. FHIT-4159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FHIT partial ORF (AAH32336, 31 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene, a member of the histidine triad gene family, encodes a diadenosine 5,5-P1,P3-triphosphate hydrolase involved in purine metabolism. The gene encompasses the common fragile site FRA3B on chromosome 3, where carcinogen-induced damage can lead to translocations and aberrant transcripts of this gene. In fact, aberrant transcripts from this gene have been found in about half of all esophageal, stomach, and colon carcinomas. [provided by RefSeq
Molecular Mass	36.63 kDa
AA Sequence	VVPGHVLVCPLRPVERFHDLRPDEVADLFQTTQRVGTVVEKHFHGTSLTFSMQDGP EAGQTVKHVHVHVLPRKAGDFHRNDSIYEELQKHDKEDFPASWR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

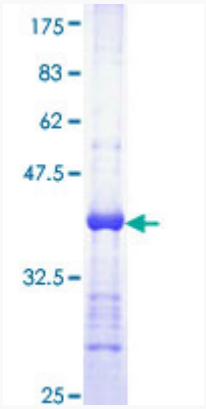
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45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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