Recombinant Full Length Human HINT1 Protein, GST-tagged

Cat. No. HINT1-3469HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HINT1 full-length ORF (AAH01287, 1 a.a. - 126 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	126 amino acids
Description	This gene encodes a protein that hydrolyzes purine nucleotide phosphoramidates substrates, including AMP-morpholidate, AMP-N-alanine methyl ester, AMP-alpha-acetyl lysine methyl ester, and AMP-NH2. The encoded protein interacts with these substrates via a histidine triad motif. This gene is considered a tumor suppressor gene. In addition, mutations in this gene can cause autosomal recessive neuromyotonia and axonal neuropathy. There are several related pseudogenes on chromosome 7. Several transcript variants have been observed. [provided by RefSeq, Dec 2015]
Molecular Mass	39.6 kDa
AA Sequence	MADEIAKAQVARPGGDTIFGKIIRKEIPAKIIFEDDRCLAFHDISPQAPTHFLVIPKKHIS QISVAEDDDESLLGHLMIVGKKCAADLGLNKGYRMVVNEGSDGGQSVYHVHLHVLG GRQMHWPPG
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 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	HINT1 histidine triad nucleotide binding protein 1 [Homo sapiens]
Official Symbol	HINT1
Synonyms	HINT1; histidine triad nucleotide binding protein 1; HINT, histidine triad nucleotide binding protein , PRKCNH1; histidine triad nucleotide-binding protein 1; PKCI 1; protein kinase C inhibitor 1; adenosine 5-monophosphoramidase; protein kinase C-interacting protein 1; HINT; PKCI-1; PRKCNH1; FLJ30414; FLJ32340;
Gene ID	3094
mRNA Refseq	NM_005340
Protein Refseq	NP_005331
MIM	601314
UniProt ID	P49773

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