

Recombinant Full Length Human HINT1 Protein, C-Flag-tagged

Cat. No. HINT1-1206HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HINT1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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-NH ₂ . 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	13.6 kDa
AA Sequence	MADEIAKAQVARPGGDTIFGKIIRKEIPAKIIFEDDRCLAFHDISPQAPTHFLVIPKKHIS QISVAEDDDDESLLGHLMIIVGKKCAADLGLNKGYRMVVNEGSDGGQSVYHVHLHVLG GRQMHWP PG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

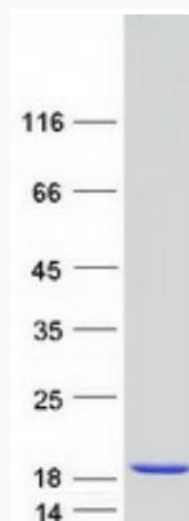
GENE INFORMATION

Gene Name	HINT1 histidine triad nucleotide binding protein 1 [Homo sapiens (human)]
Official Symbol	HINT1
Synonyms	HINT; NMAN; PKCI-1; PRKCNH1
Gene ID	3094
mRNA Refseq	NM_005340.7
Protein Refseq	NP_005331.1
MIM	601314
UniProt ID	P49773

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Coomassie blue staining of purified HINT1 protein.

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