

Recombinant Human HINT1, GST-tagged

Cat. No. HINT1-13779H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HINT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-126a.a.
Description	The protein encoded by this gene can hydrolyze substrates such as 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, which is part of the loop that binds to the substrate. This gene has been found to be a tumor suppressing gene. Several transcript variants, but only one of them protein-coding, have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	HINT1 histidine triad nucleotide binding protein 1 [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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
Chromosome Location	5q31.2
Function	hydrolase activity; protein kinase C binding;