Recombinant Human histidine triad nucleotide binding protein 2, His-tagged

Cat. No. HINT2-571H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HINT2, 18-163aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	18-163 a.a.
Description	Histidine triad proteins, such as HINT2, are nucleotide hydrolases and transferases that act on the alpha-phosphate of ribonucleotides. Recombinant human HINT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	17.9 kDa (169aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSVAATGVR GGQVRGAAGV TDGNEVAKAQ QATPGGAAPT IFSRILDKSL PADILYEDQQ CLVFRDVAPQ APVHFLVIPK KPIPRISQAE EEDQQLLGHL LLVAKQTAKA EGLGDGYRLV INDGKLGAQS VYHLHIHVLG GRQLQWPPG
Purity	>90% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	HINT2 histidine triad nucleotide binding protein 2 [Homo sapiens]
Official Symbol	HINT2
Synonyms	HINT2; histidine triad nucleotide binding protein 2; histidine triad nucleotide-binding protein 2, mitochondrial; HINT-2; HINT-3; HIT-17kDa; PKCI-1-related HIT protein; protein kinase C inhibitor-2; HIT-17;
Gene ID	84681
mRNA Refseq	NM_032593
Protein Refseq	NP_115982
MIM	609997
UniProt ID	Q9BX68
Chromosome Location	9p11.2
Function	hydrolase activity;

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