9051 Mira Mesa Blvd, #910094
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HINT2 Human

Histidine Triad Nucleotide Binding Protein 2 Human Recombinant
RCP1020

Product Overview

Name	HINT2 Human

Description

Histidine Triad Nucleotide Binding Protein 2 Human Recombinant

Accession (Primary)	Q9BX68

Synonyms

Histidine triad nucleotide-binding protein 2 mitochondrial, HINT-2, HINT-3 HIT-17kDa, PKCI-1-related HIT protein, HINT2, histidine triad nucleotide binding protein 2, HIT-17.

Introduction

Histidine triad nucleotide-binding protein 2 (HINT2) belongs to the triad proteins, which are nucleotide hydrolases and transferases that act on the alpha-phosphate of ribonucleotides. Hydrolase is most likely involved in steroid biosynthesis, furthermore it might play a role in apoptosis. HINT2 shows high expression in liver and pancreas. Expression is significantly down-regulated in hepatocellular carcinoma (HCC) patients.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

HINT2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS VAATGVR GGQVRGAAGV TDGNEVAKAQ QATPGGAAPT IFSRILDKSL PADILYEDQQ CLVFRDVAPQ APVHFLVIPK KPIPRISQAE EEDQQLLGHL LLVAKQTAKA EGLGDGYRLV INDGKLGAQS VYHLHIHVLG GRQLQWPPG.

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Precautions

HINT2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BX68)