

Recombinant human HINT2 protein

Catalog Number: ATGP2086

PRODUCT INFORMATION

Expression system

E.coli

Domain

18-163aa

UniProt No.

Q9BX68

NCBI Accession No.

NP_115982

Alternative Names

Histidine triad nucleotide-binding protein 2, HIT-17

PRODUCT SPECIFICATION

Molecular Weight

17.9 kDa (169aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

MGSSHHHHHH SSSLVPRGSH MGSVAATGVR GGQVRGAAGV TDGNEVAKAQ QATPGGAAPT IFSRILDKSL PADILYEDQQ
CLVFRDVPAPQ APVHFLVIPK KPIPRISQAE EEDQQLLGHLLLVAKQTAKA EGLGDGYRLV INDGKLGAAQS VYHLHIHVLG

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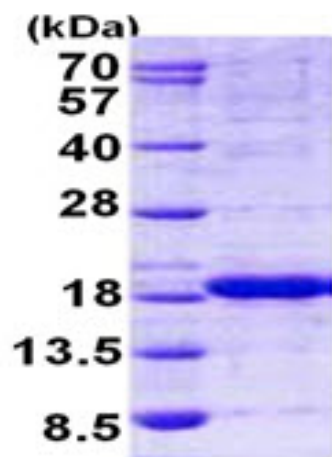
GRQLQWPPG

General References

Lenglet,S., et al. (2008) Endocrinology 149 (11), 5461-5469

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)