

HINT2, 18-163aa, Human, His tag, E.coli

Cat.NO.: TP02453

3th Edition

Synonyms:Histidine triad nucleotide-binding protein 2, HIT-17

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 Weight:17.9 kDa (169aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGVAATGVRGGQVRGAAGVTDGNEVAKAQQATPGGAAPTIFSRILDKSLPADIL
YEDQQCLVFRDVAPQAPVHFLVIPKKPIPRISQAEEDQQLLGHLLLVAKQTAKAEGLGDGYRLVINDGKLGQSVY
HLHIHVLGGRQLQWPPG

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.