

Product datasheet for PH304844

OriGene Technologies, Inc.

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HINT3 (NM_138571) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: HINT3 MS Standard C13 and N15-labeled recombinant protein (NP_612638)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

or AA Sequence:

RC204844

Predicted MW: 20.4 kDa

Protein Sequence: >RC204844 protein sequence

Red=Cloning site Green=Tags(s)

MAEEQVNRSAGLAPDCEASATAETTVSSVGTCEAAGKSPEPKDYDSTCVFCRIAGRQDPGTELLHCENED LICFKDIKPAATHHYLVVPKKHIGNCRTLRKDQVELVENMVTVGKTILERNNFTDFTNVRMGFHMPPFCS

ISHLHLHVLAPVDQLGFLSKLVYRVNSYWFITADHLIEKLRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration: >0.05 µg/µL as determined by microplate BCA method

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 612638

RefSeq Size: 3396
RefSeq ORF: 546
Synonyms: HINT4
Locus ID: 135114

UniProt ID: O9NOE9





Cytogenetics:

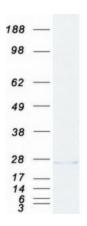
6q22.32

Summary:

Histidine triad proteins, such as HINT3, are nucleotide hydrolases and transferases that act on the alpha-phosphate of ribonucleotides (Brenner, 2002 [PubMed 12119013]).[supplied by

OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified HINT3 protein (Cat# [TP304844]). The protein was produced from HEK293T cells transfected with HINT3 cDNA clone (Cat# [RC204844]) using MegaTran 2.0 (Cat# [TT210002]).