

Product datasheet for **RC204844**

HINT3 (NM_138571) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: HINT3 (NM_138571) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: HINT3
Synonyms: HINT4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC204844 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGGAACAGGTGAACCGCAGCGCCGGCCTGGCCCCGACTGTGAGGCCTCGGCGACTGCAGAAA
CTACGGTTTCCTCAGTGGGGACCTGTGAAGCCGCTGGCAAGTACCAGAGCCCAAGGACTACGACAGCAC
CTGCGTGTCTGCCGGATCGCGGGCGGCAGGACCCGGGCACCGAACTCCTGCACTGCGAGAATGAGGAC
CTAATTTGCTTCAAAGATATCAAACCAGCAGCAACTCATCATTATCTTGTGGTCCAAAGAAGCATATTG
GAAACTGCAGAACTCTAAGGAAAGATCAAGTAGAACTGGTTGAGAACATGGTAACTGTTGAAAAACCAT
TCTTGAAGAAAATAATTTCACTGACTTCACGAATGTGAGGATGGGTTTTATATGCCACCATTCTGTTC
ATTTCCCACTTGACCTTCATGTTCTGGCACCAGTGGATCAGCTTGGCTTCTATCCAAGTTGGTTTATA
GAGTCAATTCCTATTGTTTATCACAGCTGATCACTTGATTGAAAACTAAGAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC204844 protein sequence
Red=Cloning site Green=Tags(s)

MAEEQVNRSAGLAPDCEASATAETTSSVGTCEAAGKSPEPKDYDSTCVFCRIAGRQDPGTELLHCENED
L ICFKDIKPAATHHYLVVPKKHIGNCRTLRKDQVELVENMVTVGKTI LERNNFTDF TNVRMGFHMPPFCS
ISHLHLVLPVDQLGFLSKLVYRVNSYWFITADHLIEKLRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6062_c06.zip



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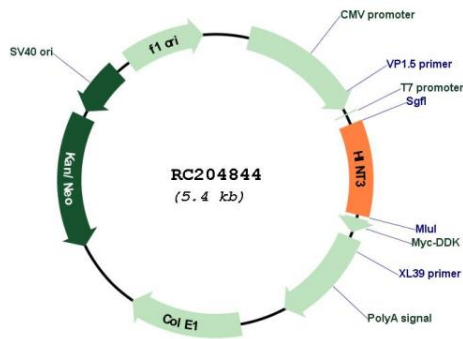
Cytogenetics: 6q22.32

Domains: HIT

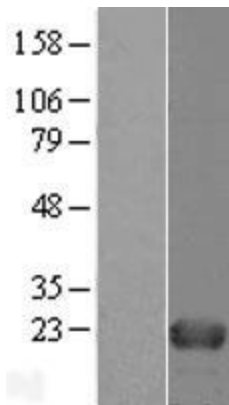
MW: 20.4 kDa

Gene 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]

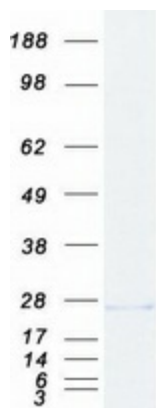
Product images:



Circular map for RC204844



Western blot validation of overexpression lysate (Cat# [LY403361]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204844 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



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]).