

Product datasheet for RC201340

DOHH (NM_031304) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DOHH (NM_031304) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DOHH
Synonyms:	hDOHH; HLRC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC201340 representing NM_031304 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGACGGAGCAGGAGGTGGATGCCATCGGGCAGACGCTGGTGGACCCCAAGCAGCCCCTGCAGGCC
GCTTCCGGGCGCTGTTACGCTGCGTGGGCTCGGGCGCCAGGCGCCATTGCATGGATCAGCCAGGCCTT
CGATGACGATCCGCCCTGCTCAAGCACGAGCTGGCCTACTGCCTGGCCAGATGCAGGATGCCCGGCC
ATCCCCATGCTGGTGGACGTGCTGCAAGACACCCGTCAGGAGCCCATGGTGCGCCATGAGGCAGGGGAGG
CCCTGGGGGCCATCGGGACCCGGAAGTCTGGAGATCCTGAAGCAGTATCCTCGGACCCCGTCATCGA
GGTGGCCGAGACCTGCCAGCTGGCCGTGCGCAGGCTGGAGTGGCTGCAGCAGCACGGCGGGGAGCCGGCG
GCGGGACCTACCTCTCCGTGGACCTGCCCGCGGGCTGAGGAGCGTGACGTGGGGCGCCTGCGGGAGG
CGCTGCTGGATGAGTCCCGGCCGCTCTTCGAGCGATACCGCGCCATGTTCCGCCCTGCGCAACGCGGGAGG
CGAGGAGGCCGCCCTGGCGCTGGCCGAGGGTCTGCACTGTGGGAGCGCCCTTCCGCCACGAGGTCCGGC
TACGTCCTGGGACAGCTGCAGCACGAGGCGGGTGGCCAGCTGGCGGCCGCCCTGGCCCGATGCACCG
AGAACCCCATGGTGGCGCAGAGTGCGCGGAGGCCCTGGCGCCATTGCCCGGCCCGCTGCCTGGCCGC
GCTGCAGGCTCACGCGGACGACCCAGAGCGCGTGGTGGTGGAGAGCTGCGAGGTGGCTCTGGACATGTAT
GAGCACGAGACCGGGCGGCCCTCCAGTACGCGGACGGCCTGGAGCAGCTGCGCGGGGCCCTCC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_031304.5](#)

RefSeq Size: 1772 bp

RefSeq ORF: 909 bp

Locus ID: 83475

UniProt ID: [Q9BU89](#)

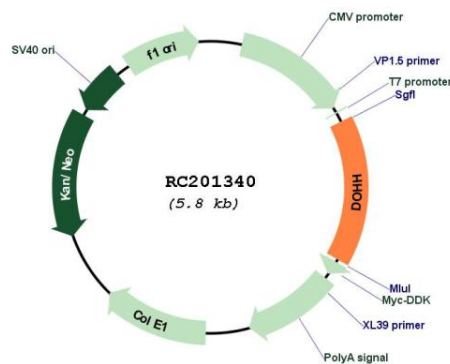
Cytogenetics: 19p13.3

Domains: HEAT_PBS

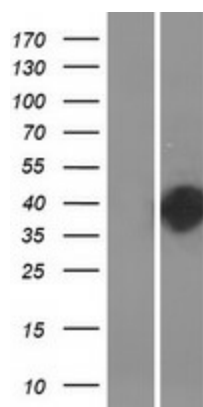
MW: 32.7 kDa

Gene Summary: This gene encodes a metalloenzyme that catalyzes the last step in the conversion of lysine to the unique amino acid hypusine in eukaryotic initiation factor 5A. The encoded protein hydroxylates deoxyhypusine to form hypusine in the mature eukaryotic initiation factor 5A protein. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Feb 2009]

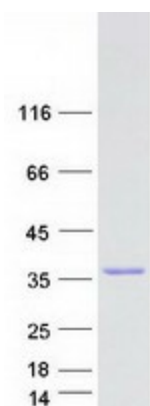
Product images:



Circular map for RC201340



Western blot validation of overexpression lysate (Cat# [LY428737]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC226938] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified DOHH protein (Cat# [TP301340]). The protein was produced from HEK293T cells transfected with DOHH cDNA clone (Cat# RC201340) using MegaTran 2.0 (Cat# [TT210002]).