

Product datasheet for RC226938

DOHH (NM_001145165) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DOHH (NM_001145165) 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:	>RC226938 representing NM_001145165 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGACGGAGCAGGAGGTGGATGCCATCGGGCAGACGCTGGTGGACCCCAAGCAGCCCCTGCAGGCC
GCTTCCGGGCGCTGTTACGCTGCGTGGGCTCGGGCGCCAGGCGCCATTGCATGGATCAGCCAGGCCTT
CGATGACGATCCGCCCTGCTCAAGCACGAGCTGGCCTACTGCCTGGCCAGATGCAGGATGCCCGGCC
ATCCCCATGCTGGTGGACGTGCTCAAGACACCCGTCAGGAGCCCATGGTGGCCATGAGGCAGGGGAGG
CCCTGGGGGCCATCGGGACCCGGAAGTCTGGAGATCCTGAAGCAGTATCCTCGGACCCCGTCATCGA
GGTGGCCGAGACCTGCCAGCTGGCCGTGCGCAGGCTGGAGTGGCTGCAGCAGCACGGCGGGGAGCCGGCG
GCGGGACCTACCTCTCCGTGGACCCTGCCCGCCGGCTGAGGAGCGTGACGTGGGGCGCCTGCGGGAGG
CGCTGCTGGATGAGTCCCGGCCGCTCTTCGAGCGATACCGCGCCATGTTCCGCCCTGCGCAACGCGGGAGG
CGAGGAGGCCGCCCTGGCGCTGGCCGAGGGTCTGCACTGTGGGAGCGCCCTTCCGCCACGAGGTCCGGC
TACGTCTGGGACAGCTGCAGCACGAGGCGGGTGGCCAGCTGGCGGCCCGCCCTGGCCCGATGCACCG
AGAACCCCATGGTGGCGCACGAGTGCAGCGAGGCGCCCTGGCGCCATTGCCCGGCCCGCTGCCTGGCCGC
GCTGCAGGCTCACGCGGACGACCCAGAGCGCGTGGTGGTGGAGAGCTGCGAGGTGGCTCTGGACATGTAT
GAGCAGAGACCGGGCGGCCCTCCAGTACGCGGACGGCCTGGAGCAGCTGCGCGGGGCCCTCC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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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_001145165.2](#)

RefSeq ORF: 909 bp

Locus ID: 83475

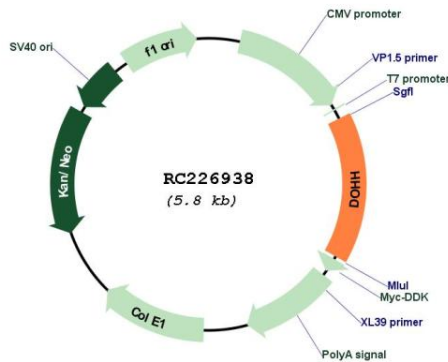
UniProt ID: [Q9BU89](#)

Cytogenetics: 19p13.3

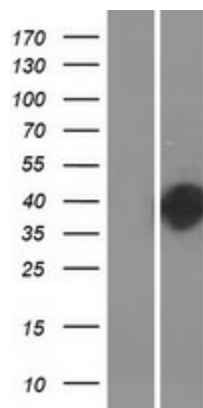
MW: 32.7 kDa

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]

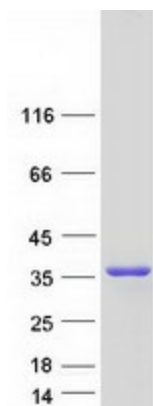
Product images:



Circular map for RC226938



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# [TP326938]). The protein was produced from HEK293T cells transfected with DOHH cDNA clone (Cat# RC226938) using MegaTran 2.0 (Cat# [TT210002]).