

## Product datasheet for **TP326938M**

### DOHH (NM\_001145165) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human deoxyhypusine hydroxylase/monooxygenase (DOHH), transcript variant 1, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC226938 representing NM\_001145165  
**Red**=Cloning site **Green**=Tags(s)

MVTEQEVD AIGQTLVDPKQPLQARFRALFTLRGLGGPGAIAWISQAFDDDSALLKHELAYCLGQM QDARA  
IPMLVDVLQDTRQEP MVRHEAGEALGAIGDPEVLEILKQYSSDPVIEVAETCQLAVRRLEWLQQHGG EPA  
AGPYLSVDPAPPAEERDVGR LREALLDESRPLFER YRAMFALRNAGGEEAALALAEGLHCGSALFRHEVG  
YVLGQLQHEAAVPQLAAALARCTENPMVRHECAEALGAIARPACLAALQAHADDPERVVRESCEVALDMY  
EHETGRAFYADGLEQLRGAPS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 32.7 kDa

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

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_001138637](#)

**Locus ID:** 83475



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UniProt ID: [Q9BU89](#)

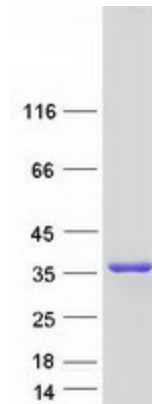
Cytogenetics: 19p13.3

RefSeq ORF: 906

Synonyms: hDOHH; HLRC1

**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:



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]).