

## Product datasheet for TP301340M

### DOHH (NM\_031304) Human Recombinant Protein

#### Product data:

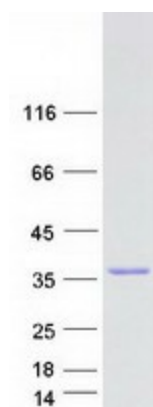
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human deoxyhypusine hydroxylase/monooxygenase (DOHH), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201340 representing NM_031304 Red=Cloning site Green=Tags(s)
	MVTEQEVD AIGQTLVDPKQPLQARFRALFTLRGLGGPGAIAWISQAFDDDSALLKHELAYCLGQM QDARA IPMLVDVLQDTRQEP MVRHEAGEALGAIGDPEVLEILKQYSSDPVIEVAETCQLAVRRLEWLQQHGG EPA AGPYLSVDPAPPAEERDVGR LREALLDESRPLFER YRAMFALRNAGGEEAALALAEGLHCGSALFRHEVG YVLGQLQHEAAVPQLAAALARCTENPMVRHECAEALGAIARPACLAALQAHADDP ERVVRESCEVALDMY EHETGRA FQYADGLEQLRGAPS
	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:	<a href="#">NP_112594</a>
Locus ID:	83475



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UniProt ID:	<a href="#">Q9BU89</a>
RefSeq Size:	1772
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# [TP301340]). The protein was produced from HEK293T cells transfected with DOHH cDNA clone (Cat# [RC201340]) using MegaTran 2.0 (Cat# [TT210002]).