

Product datasheet for PH301340

DOHH (NM_031304) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DOHH MS Standard C13 and N15-labeled recombinant protein (NP_112594)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201340
Predicted MW:	32.7 kDa
Protein Sequence:	>RC201340 representing NM_031304 Red=Cloning site Green=Tags(s) MVTEQEVDAIGQTLVDPKQPLQARFRALFTLRGLGGPGAIAWISQAFDDDSALLKHELAYCLGQMQDARA IPMLVDVLQDTRQEPMVRHEAGEALGAIQDPEVLEILKQYSSDPVIEVAETCQLAVRRLEWLQQHGGEPA AGPYLSVDPAPPAEERDVGRLEALLDESRLFERYRAMFALRNAGGEEAALALAEGLHCGSALFRHEVG YVLGQLQHEAAVPQLAAALARCTENPMVRHECAEALGAIARPACLAALQAHADDPERVVRESCEVALDMY EHETGRAFYADGLEQLRGAPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_112594
RefSeq Size:	1772
RefSeq ORF:	906
Synonyms:	hDOHH; HLRC1
Locus ID:	83475



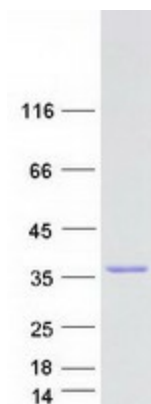
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UniProt ID: [Q9BU89](#)

Cytogenetics: 19p13.3

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]).