

## Product datasheet for PH316976

### CYP26C1 (NM\_183374) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CYP26C1 MS Standard C13 and N15-labeled recombinant protein (NP_899230)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216976
Predicted MW:	56.9 kDa
Protein Sequence:	>RC216976 representing NM_183374 Red=Cloning site Green=Tags(s)

MFPWGLSCLSVLGAAGTALLCAGLLLSLAQHLWTLRWMLSRDRASTLPLPKGSMGWPFPGETLHWLVQGS  
RFHSSRRERYGTVFKTHLLGRPVIRVSGAENVRTILLGEHRLVRSQWPQSAHILLGSHTLLGAVGEPHRR  
RRKVLARVFSRAALERYVPRQLQGALRHEVRSWCAAGGPVSVYDASKALTFRMAARILLGLRLDEAQCATL  
ARTFEQLVENLFSPLDVPFSGLRKIRARDQLHRHLEGAISEKLHEDKAAEPGDALDLIIHSARELGHE  
PSMQELKESAVELLFAAFFTTASASTSLVLLLLQHPAAIAKIREELVAQGLGRACGCAPGAAGGSEGPPP  
DCGCEPDLSLAALGRLRYVDCVVKVLRLLPPVSGGYRTALRTFELDGYQIPKGWSVMYSIRDTHETA  
AVYRSPPEGFDPERFGAAREDSRGASSRFHYIPFGGGARSCLGQELAQAVLQLLAVELVRTARWELATPAFP  
AMQTVPIVHPVDGLRLFFHPLTPSVAGNGLCL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u>NP_899230</u>
RefSeq Size:	1569
RefSeq ORF:	1566



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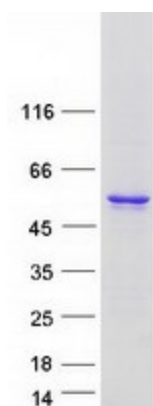
Synonyms: FFDD4  
Locus ID: 340665  
UniProt ID: [Q6V0L0](#)  
Cytogenetics: 10q23.33

**Summary:** This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This enzyme is involved in the catabolism of all-trans- and 9-cis-retinoic acid, and thus contributes to the regulation of retinoic acid levels in cells and tissues. This gene is adjacent to a related gene on chromosome 10q23.33. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Retinol metabolism

### Product images:



Coomassie blue staining of purified CYP26C1 protein (Cat# [TP316976]). The protein was produced from HEK293T cells transfected with CYP26C1 cDNA clone (Cat# [RC216976]) using MegaTran 2.0 (Cat# [TT210002]).