

Product datasheet for PH306930

CYP27C1 (NM_001001665) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CYP27C1 MS Standard C13 and N15-labeled recombinant protein (NP_001001665)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206930
Predicted MW:	42.5 kDa
Protein Sequence:	>RC206930 representing NM_001001665 Red=Cloning site Green=Tags(s) MRSVLRQRILKPKDVAIYSGEVNQVIADLIKRIYLLRSQAEDGETVTNVNDLFFKYSMEGVATILYESRL GCLENSIPQLTVEYIEALELMFSMFKTSMYAGAI PRWLRPFIPKPWREFCRSWDGLFKFSQIHVDNKL RD IQYQMDRGRRVSGGLLTYLFLSQALTLQEIYANVTEMLLAGVDTSFTLSWTVYILARHPEVQQTVYREI VKNLGERHVPTAADVPKVPVLRALLKETLRLFPVLPNGRVTQEDLVIGGYLIPKGTQLALCHYATSYQD ENFPRAKEFRPERWLRKGDLD RVDNFGSIPFGHGV RSCIGRRIAELEIHLVVIQLLQHFEIKTSSQTNAV HAKTHGLLTPGGPIHVRVNRK 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- 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:	<u>NP_001001665</u>
RefSeq Size:	4725
RefSeq ORF:	1116
Locus ID:	339761
UniProt ID:	<u>Q4G0S4, A1P3N0</u>



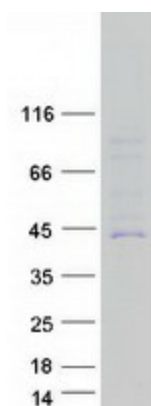
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Cytogenetics: 2q14.3

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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, P450

Product images:



Coomassie blue staining of purified CYP27C1 protein (Cat# [TP306930]). The protein was produced from HEK293T cells transfected with CYP27C1 cDNA clone (Cat# [RC206930]) using MegaTran 2.0 (Cat# [TT210002]).