

Recombinant Human CYP26C1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CYP26C1-2679H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CYP26C1 MS Standard C13 and N15-labeled recombinant protein (NP_899230) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<p>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.</p>
Molecular Mass	56.9 kDa
AA Sequence	<pre>MFPWGLSCLSVLGAAGTALLCAGLLLSLAQHLWTLRWMLSRDRASLPLPKGSMG WPFGETLHWLVQGSRFHSSRRERYGTVFKTHLLGRPVI RVSGAENVRTILLGEHR LVRSQWPQSAHILLGSHTLLGAVGEPHRRRRKVLARVFSRAALERYVPRLQGALRH EVRSWCAAGGPVSVYDASKALTFRMAARILLGLRLDEAQCATLARTFEQLVENLFSL PLDVPFSGLRK GIRARDQLHRHLEGAISEKLHEDKAAEPGDALDLIIHSARELGHEPS MQELKESAVELLFAAFFTTASASTSLVLLLLQH PAAIAKIREELVAQGLGRACGCAPG AAGGSEGPPPDCGCEPDL SLAALGRLRYVDCVVKEVLRLLPPVSGGYRTALRTFEL</pre>

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DGYQIPKGWSVMYSIRDTHETA AVYRSPPEGFDPERFGAAREDSRGASSRFHYIPF
 GGGARSLGQELAQA V LQLLAVELVRTARWELATPAFPAMQTVPIVHPVDGLRLFF
 HPLTPSVAGNGLCLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CYP26C1 cytochrome P450 family 26 subfamily C member 1 [Homo sapiens (human)]

Official Symbol CYP26C1

Synonyms CYP26C1; cytochrome P450, family 26, subfamily C, polypeptide 1; cytochrome P450 26C1; FLJ45301;

Gene ID 340665

mRNA Refseq NM_183374

Protein Refseq NP_899230

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MIM	608428
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UniProt ID	Q6V0L0
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