

Recombinant Human CYP4F11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CYP4F11-5080H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CYP4F11 MS Standard C13 and N15-labeled recombinant protein (NP_067010) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene, CYP4F11, 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 gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F2, is approximately 16 kb away. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
Molecular Mass	60.2 kDa
AA Sequence	MPQLSLSWLGLGPVAASPWLLLLLVGGSWLLARVLAWTYTFYDNCRRLLQCFPQPP KQNWFWGHQGLVTPTEEGMKTLTQLVTTYPQGFKLWLGPFTFLLILCHPDIIRPITSA SAAVAPKDMIFYGFLKPWLGDGLLLSGGDKWSRHRMLTPAFHFNILKPYMKIFNKS VNIMHDKWQRLASEGSARLDMFEHISLMTLDSLQKCVFSFESNCQEKPSEYIAAILEL SAFVEKRNQQILLHTDFLYLTPDGQRFRRACHLVHDFDTDAVIQERRRTLPTQGIDD FLKNKAKSKTLDFIDVLLLSKDEDGKELSDIEDIRAEADTFMFEGHDTTASGLSWVLYH LAKHPEYQEQRQEVQELLKDREPIEIEWDDLAQLPFLTMCIKESLRLHPPVPVISRC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CTQDFVLPDGRVIPKGIVCLINIIGIHYNPTVWPDPEVYDPFRFNQENIKERSPLAFIPF
SAGPRNCIGQAFAMAEMKVVLALTLLHFRILPTHTEPRRKPELILRAEGGLWLRVEPL
GANSQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 CYP4F11 cytochrome P450 family 4 subfamily F member 11 [Homo sapiens (human)]

Official Symbol CYP4F11

Synonyms CYP4F11; cytochrome P450, family 4, subfamily F, polypeptide 11; cytochrome P450, subfamily IVF, polypeptide 11; cytochrome P450 4F11; CYP4F11;

Gene ID 57834

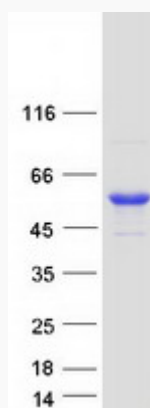
mRNA Refseq NM_021187

Protein Refseq NP_067010

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 611517**UniProt ID** Q9HBI6**SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA