

## Product datasheet for **TP309304**

### **CYP4V2 (NM\_207352) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of CYP4V2, full length, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC209304 representing NM_207352 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAGLWLGLVWQKLLWGAASALSLAGASLVLSLLQRVASYARKWQQMRPIPTVARAYPLVGHALLMKPDG  
REFFQQIIIEYTEEYRHMPLLKLWVGPVPMVALYNAENVEVILTSSKQIDKSSMYKFLEPWLGLGLLTSTG  
NKWRSRRKMLTPTFHFTILEDFLDIMNEQANILVKKLEKHINQEAFCFFYITLCAIDIICETAMGKNIG  
AQSNDSEYVRAVYRMSEMIFRRIKMPWLWLDLWYLMFKEGWEHKKSLQILHTFTNSVIAERANEMNANE  
DCRGDGRGSAPSKNKRRRAFLDLLSVTDDEGNRLSHEDIREEVDTFMFEGHDTTAAAINWSLYLLGSNPE  
VQKKVDHELDDVFGKSDRPATVEDLKKLRYLECVIKETLRLFPSVPLFARSVSEDCVAGYRVLKGTEAV  
IIPYALHRDPRYFPNPEEFQPERFFPENAQGRHPYAYVPFSAGPRNCIGQKFVAMEEKTILSCILRHFWI  
ESNQKREELGLEGLILRPSNGIWIKLRRNADER

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	Myc-DDK
<b>Predicted MW:</b>	60.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate Bradford method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_997235</a></u>



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Locus ID: 285440

UniProt ID: [Q6ZWL3](#)

RefSeq Size: 4713

Cytogenetics: 4q35.1-q35.2

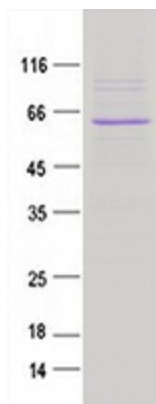
RefSeq ORF: 1575

Synonyms: BCD; CYP4AH1

**Summary:** This gene encodes a member of the cytochrome P450 hemethiolate protein superfamily which are involved in oxidizing various substrates in the metabolic pathway. It is implicated in the metabolism of fatty acid precursors into n-3 polyunsaturated fatty acids. Mutations in this gene result in Bietti crystalline corneoretinal dystrophy. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, P450, Transmembrane

### Product images:



Purified recombinant protein CYP4V2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.