

Product datasheet for **TP310185M**

CYP4F22 (NM_173483) Human Recombinant Protein

Product data:

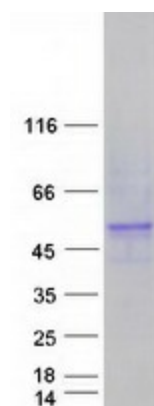
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cytochrome P450, family 4, subfamily F, polypeptide 22 (CYP4F22), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210185 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLPITDRLLHLLGLEKTAFRITYAVSTLLLFLFFLFRLLLRFLRLCRSFYITCRRRLRCFPQPPRRNWLLG HLGMYLPNEAGLQDEKKVLDNMHHVLLVWMGPVLP LLVLVHPDYIKPLL GASAAIAPKDDL FYGFLKPW L GDGLLSKGDKWSRHRLLTPAFHFDILKP YMKIFNQSADIMHAKWRHLAEGSAVSLDMFEHISLMTLDS LQKCVFSYNSNCQEKMSDYISAIELSALSVRRQYRLHHYLDFIYYRSADGRRFRQACDMVHHFTTEVIQ ERRRALRQQGAEAWLKAKQGKTLDFIDVLLARDEDGKELSD EDIRAEADTFMFEGHDTTSSGISWMLFN LAKYPEYQEKCEEIQEVMKGRELEEWDDLTLQLPFTTMCIKESLRQYPPVTLVSRQCTEDIKLPDGR I IPKGIICLSYIGTHHNPTVWPDSKVYNPYRFD PNPQQRSP LAYVPFSAGPRNCIGQSFAMAELRVVVA LTLLRFRLSVDRTKVR RKPELILRTENGLWLKVEPLPPRA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	61.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_775754</u>
Locus ID:	126410
UniProt ID:	<u>Q6NT55</u>
RefSeq Size:	2620
Cytogenetics:	19p13.12
RefSeq ORF:	1593
Synonyms:	ARCI5; INLNE; LI3
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 gene is part of a cluster of cytochrome P450 genes on chromosome 19 and encodes an enzyme thought to play a role in the 12(R)-lipoxygenase pathway. Mutations in this gene are the cause of ichthyosis lamellar type 3. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified CYP4F22 protein (Cat# [TP310185]). The protein was produced from HEK293T cells transfected with CYP4F22 cDNA clone (Cat# [RC210185]) using MegaTran 2.0 (Cat# [TT210002]).