

Recombinant Human Cytochrome P450 1A2 protein ab158245

1 图像

描述	
产品名称	重组人Cytochrome P450 1A2蛋白
纯度	> 99 % Proprietary Purification.
表达系统	Wheat germ
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MALSQSVPFSATELLLLASAI FCLVFWVLKGLRPRVPKGLKSP PEPWGWPL LGHVLT LGKNPHLALSRMSQRYGDLQIRIDSTPVLVLSRLD TIRQALVR QGDDFKGRPDLYTSTLITDGQSLTFSTDSPVWAARRRLAQN ALNTFSIA SDPASSSSCYLEEHVSKEAKALISRLQELMAGPGHFDPYNQV VVSVANVI GAMCFGQHFPESSEMLSLVKNTHEFVETASSGNPLDFFPIL RYLPNPAL QRFKAFNQRF LWF LQKT VQEHYQDFDKNSVRDITGALFKHSK KGPRASGN LIPQEKIVNLVNDIFGAGFDTVTTAISWSLMYLVTKPEIQRK IQKELDTV IGRERRPRLSDRPQLPYLEAFIETFRHSSFLPFTIPHSTTR DTTLNGFY IPKKCCVFVNQWQVNHDPPELWEDPSEFRPERFLTADGTAINK PLSEKMML FGMGKRRCIGEV LAKWEIFLFLAILLQQLEFSVPPGVKVDLT PIYGLTMK HARCEHVQARLRFSIN
氨基酸	1 to 516
标签	GST tag N-Terminus
技术指标	

Our **Abpromise guarantee** covers the use of **ab158245** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	ELISA
	Western blot
形式	Liquid
补充说明	

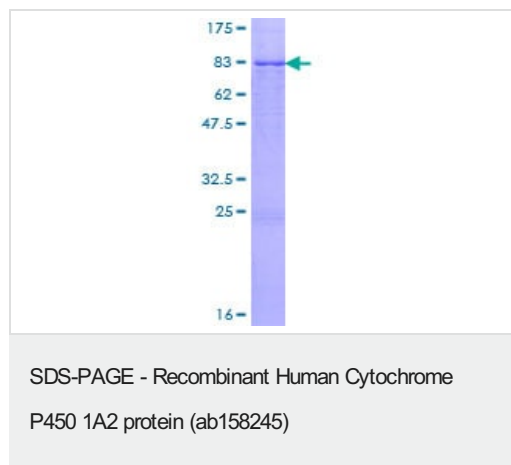
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

常规信息

功能	Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. Most active in catalyzing 2-hydroxylation. Caffeine is metabolized primarily by cytochrome CYP1A2 in the liver through an initial N3-demethylation. Also acts in the metabolism of aflatoxin B1 and acetaminophen. Participates in the bioactivation of carcinogenic aromatic and heterocyclic amines. Catalyzes the N-hydroxylation of heterocyclic amines and the O-deethylation of phenacetin.
组织特异性	Liver.
序列相似性	Belongs to the cytochrome P450 family.
细胞定位	Endoplasmic reticulum membrane. Microsome membrane.

图片



ab158245 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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