

Recombinant Human CYP1A1 protein ab114339

1 Image

Description

Product name	Recombinant Human CYP1A1 protein
Expression system	Wheat germ
Accession	<u>P04798</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MLFPISMSATEFLLASVIFCLVFWVIRASRPQVPKGLKNPP GPWGWPLIG HMLTLGKNPHLALSRMSQQYGDVLQIRIGSTPVVVLSGLD TIRQALVRQG DDFKGRPDLYFTLISNGQSMSFSPDSGPVWAARRRLAQ NGLKSFSIASD PASSTSCYLEEHVSKEAEVLSTLQELMAGPGHFNPYRYV VVSVTNVICA ICFGRRYDHNHQELLSLVNLNNNFGEVVGSGNPADFIPILR YLPNPSLNA FKDLNEKFYSFMQKMVKEHYKTFEKGHIRDITDSLIEHCQE KQLDENANV QLSDEKIINVLDLFGAGFDTVTTAISWSLMYLMNPRVQRK IQEELDTV IGRSRRPRLSDRSHLPYMEAFILETFRHSSFVPFTIPHSTTR DTSLKGFY IPKGRCVFVNQWQINHDQKLWVNPSEFLPERFLTPDGAID KVLSEKVIIF GMGKRKCIGETIARWEVFLFLAILLQRVEFSVPLGVKVDMT PIYGLTMKH ACCEHFQMQRLRS
Predicted molecular weight	82 kDa including tags
Amino acids	1 to 512

Specifications

Our **Abpromise guarantee** covers the use of **ab114339** in the following tested applications.

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

Applications	ELISA
	SDS-PAGE
	Western blot
Form	Liquid

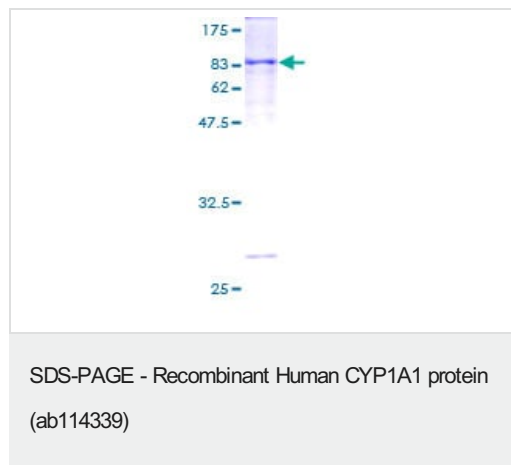
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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General Info

Function	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.
Tissue specificity	Lung, lymphocytes and placenta.
Sequence similarities	Belongs to the cytochrome P450 family.
Cellular localization	Endoplasmic reticulum membrane. Microsome membrane.

Images



ab114339 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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

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