

Catalog No.: RP03212 **Recombinant**

Species	Gene ID	Swiss Prot
Human	1576	P08684

N-His

Cytochrome P450 3A4; CYP3A4; CYP3A3

Source	Purification
<i>E. coli</i>	≥ 90 % as determined by SDS-PAGE

59.2 kDa.

Please contact us for more information.

Lyophilized from a 0.22 μm filtered solution of 50 mM Tris 1/1000 CHAPS. Contact us for customized product form or formulation.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

CYP3A4 is an important member of the cytochrome P450 enzyme superfamily, with 33 allelic variants. Human cytochrome P450 3A4 (CYP3A4) is an important drug metabolizing enzyme involved in a number of drug-drug and food-drug interactions. Systemic inflammation has been linked to suppressed CYP3A4 activity.

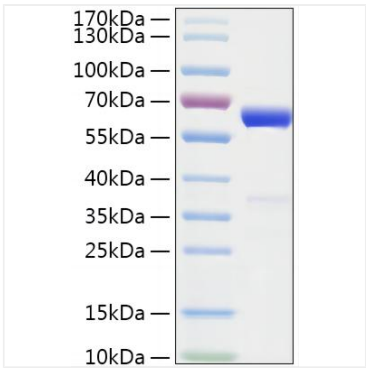
Recombinant Human CYP3A4 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Lys505) of human CYP3A4 (Accession #NP_059488.2) fused with His tag at the N-terminus.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human CYP3A4 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.