

Cytochrome P450 1A2 Recombinant Protein | CYP1A2 recombinant protein

Recombinant Cytochrome P450 1A2 (CYP1A2)

CATALOG # AAA144296	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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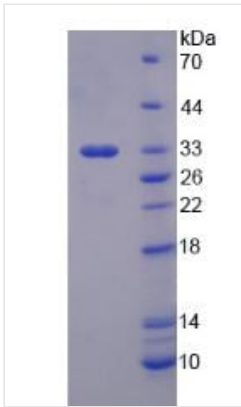
PRODUCT SYNONYMS

Cytochrome P450 1A2; Recombinant Cytochrome P450 1A2 (CYP1A2); CYP1A2 recombinant protein

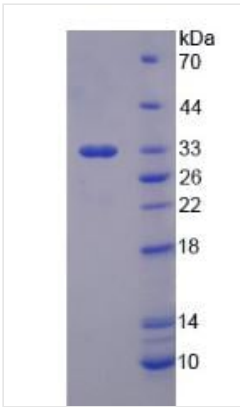
PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. VESVANVI GAMCFGKNFP RKSEMLNLV KSKDFVENV TSGNAVDFFP VLRYPNPAL KRKKNFNDNF VLFLQKTVQE HYQDFNKNSI QDITGALFKH SENYKDNGGL IPQEKIVNIV NDFGAGFET VTTFWFSIL LLVTEPKVQR KIHEELDTVI GRDRQRLSD RPQLPYLEAF ILEIYRYSF VPFTIPHSTT RDTSLNGFHI PKECCIFINQ WQVNHDEKQW KDPFVFRPER FLTNDNTAID KTLSE
Sequence Length	516
Applicable Applications for CYP1A2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	33.0KDa
Accurate Molecular Mass (KD)	33kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal tags, his-tag and T7 tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Val192~Glu444
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	73915100
NCBI GeneID	1544
NCBI Accession #	NP_000752.2
NCBI GenBank Nucleotide #	NM_000761.4
Molecular Weight	58,407 Da
NCBI Official Full Name	cytochrome P450 1A2
NCBI Official Synonym Full Names	cytochrome P450, family 1, subfamily A, polypeptide 2
NCBI Official Symbol	CYP1A2
NCBI Official Synonym Symbols	CP12; P3-450; P450(PA)
NCBI Protein Information	cytochrome P450 1A2
UniProt Protein Name	Cytochrome P450 1A2
UniProt Gene Name	CYP1A2
UniProt Entry Name	CP1A2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cyp1a2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144296>