

Cytochrome P450 2A13 (CYP2A13) Recombinant Protein | CYP2A13 recombinant protein

Recombinant Human Cytochrome P450 2A13 (CYP2A13)

CATALOG #
AAA117189

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Cytochrome P450 2A13 (CYP2A13); Recombinant Human Cytochrome P450 2A13 (CYP2A13); CYP2A13 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-494aa; Full length
Sequence	MLASGLLLVT LLACLTVMVL MSVWRQRKSR GKLPPGPTPL PFIGNYLQLN TEQMYNSLMK ISERYGPVFT IHLGPRRVVV LCGHDAVKEA LVDQAEFSG RGEQATFDWL FKGYGVAFSN GERAQLRRF SIATLRGFGV GKRGIIEIRIQ EEAGFLIDAL RGTHGANIDP TFFLSRTVSN VISSIVFGDR FDYEDKEFLS LLRMMLGSFQ FTATSTGQLY EMFSSVMKHL PGPQQQAFKE LQGLEDFAK KVEHNQRTLD PNSPRDFIDS FLIRMQEEEEK NPNTFYLKN LVMTTLNLFF AGTETVSTTL RYGFLLLMKH PEVEAKVHEE IDRVIGKNRQ PKFEDRAKMP YTEAVIHEIQ RFGDMLPMGL AHRVNKDTKF RDFSFLPKGTE VFPMLGSVLR DPRFFSNPRD FNPQHFLDKK GQFKKSDAFV PFSIGKRYCF GEGLARMELF LFFTTIMQNF RFKSPQSPKD IDVSPKHVGF ATIPRNYTMS FLPR
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CYP2A13 recombinant protein	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 protein localizes to the endoplasmic reticulum. Although its endogenous substrate has not been determined, it is known to metabolize 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone, a major nitrosamine specific to tobacco. This gene is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13699809
NCBI GeneID	1553
NCBI Accession #	NP_000757.2
NCBI GenBank Nucleotide #	NM_000766.4
UniProt Accession #	Q16696 ; Q53YR8 ; Q6R569 ; Q6R570 ; Q9H2X2
Molecular Weight	56,688 Da
NCBI Official Full Name	cytochrome P450 2A13
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily A member 13

NCBI Official Symbol	CYP2A13
NCBI Official Synonym Symbols	CPAD; CYP2A; CYP11A13
NCBI Protein Information	cytochrome P450 2A13
UniProt Protein Name	Cytochrome P450 2A13
UniProt Gene Name	CYP2A13

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/cyp2a13-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117189>