Cytochrome P450 2C8 (CYP2C8) Recombinant Protein | CYP2C8 recombinant protein

Recombinant Human Cytochrome P450 2C8 (CYP2C8)

CATALOG #	HOST
AAA113204	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Cytochrome P450 2C8 (CYP2C8); Recombinant Human Cytochrome P450 2C8 (CYP2C8); CYP2C8 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	27-490aa; Full Length of Mature Protein
Sequence	RKLPPGPTPL PIIGNMLQID VKDICKSFTN FSKVYGPVFT VYFGMNPIVV FHGYEAVKEA LIDNGEEFSG RGNSPISQRI TKGLGIISSN GKRWKEIRRF SLTTLRNFGM GKRSIEDRVQ EEAHCLVEEL RKTKASPCDP TFILGCAPCN VICSVVFQKR FDYKDQNFLT LMKRFNENFR ILNSPWIQVC NNFPLLIDCF PGTHNKVLKN VALTRSYIRE KVKEHQASLD VNNPRDFIDC FLIKMEQEKD NQKSEFNIEN LVGTVADLFV AGTETTSTTL RYGLLLLLKH PEVTAKVQEE IDHVIGRHRS PCMQDRSHMP YTDAVVHEIQ RYSDLVPTGV PHAVTTDTKF RNYLIPKGTT IMALLTSVLH DDKEFPNPNI FDPGHFLDKN GNFKKSDYFM PFSAGKRICA GEGLARMELF LFLTTILQNF NLKSVDDLKN LNTTAVTKGI VSLPPSYQIC FIPV
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 CYP2C8 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 and its expression is induced by phenobarbital. The enzyme is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, benzo(a)pyrene, 7-ethyoxycoumarin, and the anti-cancer drug taxol. This gene is located within a cluster of cytochrome P450 genes on chromosome 10q24.

NCBI AND UNIPROT INFORMATION

NCBI GI #	98991773
NCBI GeneID	1558
NCBI Accession #	NP_000761.3
NCBI GenBank Nucleotide #	NM_000770.3
UniProt Accession #	P10632; Q5VX93; Q8WWB1; Q9UCZ9; A8K9N8; B0AZN2; B7Z1F6
Molecular Weight	60.1 kDa
NCBI Official Full Name	cytochrome P450 2C8 isoform a
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily C member 8

NCBI Official Symbol	CYP2C8
NCBI Official Synonym Symbols	CPC8; CYPIIC8; MP-12/MP-20
NCBI Protein Information	cytochrome P450 2C8
UniProt Protein Name	Cytochrome P450 2C8
UniProt Gene Name	**CYP2C8**

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/cyp2c8-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113204