

Cytochrome P450 2C9 (CYP2C9) Recombinant Protein | CYP2C9 recombinant protein

Recombinant Human Cytochrome P450 2C9 (CYP2C9)

CATALOG #
AAA114104

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Cytochrome P450 2C9 (CYP2C9); Recombinant Human Cytochrome P450 2C9 (CYP2C9); CYP2C9 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	1-162aa; Full Length of Isoform 2
Sequence	MDSLVLVLC LSCLLLSLW RQSSGRGKLP PGPTPLPVIG NILQIGIKDI SKSLTNLSKV YGPVFTLYFG LKPIVVLHGY EAVKEALIDL GEEFSGRGIF PLAERANRGF GIVFSNGKKW KEIRRFSLMT LRNFGMGKRS IEDRVQEEAR CLVEELRKTG GG
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 CYP2C9 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 rifampin. The enzyme is known to metabolize many xenobiotics, including phenytoin, tolbutamide, ibuprofen and S-warfarin. Studies identifying individuals who are poor metabolizers of phenytoin and tolbutamide suggest that this gene is polymorphic. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13699818
NCBI GeneID	1559
NCBI Accession #	NP_000762.2
NCBI GenBank Nucleotide #	NM_000771.3
UniProt Accession #	P11712; P11713; Q16756; Q16872; Q5VX92; Q6IRV8; Q8WW80
Molecular Weight	25.4 kDa
NCBI Official Full Name	cytochrome P450 2C9
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily C member 9
NCBI Official Symbol	CYP2C9
NCBI Official Synonym Symbols	CPC9; CYP2C; CYP2C10; CYPIIC9; P450IIC9

NCBI Protein Information	cytochrome P450 2C9
UniProt Protein Name	Cytochrome P450 2C9
UniProt Gene Name	CYP2C9
UniProt Synonym Gene Names	CYP2C10

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/cyp2c9-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114104>