

Cytochrome P450 3A43 (CYP3A43) Recombinant Protein | CYP3A43 recombinant protein

Recombinant Human Cytochrome P450 3A43 (CYP3A43)

CATALOG #
AAA116644

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Cytochrome P450 3A43 (CYP3A43); Recombinant Human Cytochrome P450 3A43 (CYP3A43); CYP3A43 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	1-393, full length of Isoform 7
Sequence	MDLIPNFAME TWVLVATSLV LLYIYGTHSH KLFKKLGIPG PTPLPFLGTI LFYLRRSLNK IPSWAWWLTP VIPALWEAEA GGSPKVRSSR PALPTWVFGI LTENVMKNTK KCGALFPFLT PVFEALNIGL FPKDVTFLK NSIERMKESR LKDKQKHRVD FFQQMIDSQN SKETKSHKAL SDLELVAQSI IIIFAAYDTT STTLPFIMYE LATHPDVQQK LQEEIDAVLP NKAPVTYDAL VQMEYLDMMV NETLRLFPVV SRVTRVCKKD IEINGVFIPK GLAVMPIYA LHHPKYWTE PEKFCPERFS KKNKDSIDLY RYIPFGAGPR NCIGMRFALT NIKLAVIRAL QNFSFKPCKE TQIPLKLDNL PILQPEKPIV LKVHLRDGIT SGP
Sequence Length	393
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 CYP3A43 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 enzyme has a low level of testosterone hydroxylase activity. Although it bears homology to some drug-metabolizing cytochrome P450s, it is unknown whether the enzyme is also involved in xenobiotic metabolism. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Alternate splicing of this gene results in three transcript variants encoding different isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	525458843
NCBI GeneID	64816
NCBI Accession #	NP_001265850.1
NCBI GenBank Nucleotide #	NM_001278921.1
UniProt Accession #	Q9HB55; Q495Y1; Q75MK2; Q75MK3; Q9HB52; Q9HB53; Q9HB54; Q9HB57
Molecular Weight	44,808 Da
NCBI Official Full Name	cytochrome P450 3A43 isoform 4

NCBI Official Synonym Full Names	cytochrome P450 family 3 subfamily A member 43
NCBI Official Symbol	CYP3A43
NCBI Protein Information	cytochrome P450 3A43
UniProt Protein Name	Cytochrome P450 3A43
UniProt Gene Name	CYP3A43

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/cyp3a43-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116644>