

Recombinant Full Length Human CYP3A43 Protein, GST-tagged

Cat. No. CYP3A43-2434HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYP3A43 full-length ORF (AA100983.1, 1 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	280 amino acids
Description	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. The encoded protein has a low level of testosterone hydroxylase activity, and may play a role in aging mechanisms and cancer progression. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]
Molecular Mass	58.6 kDa
AA Sequence	MNLETGNP HHFPMWRYVGEKPEAGSREQQVHQLERFLWGLHHGCNHHWHIIWSE LGFSQQSTRSLSEKYEEAFKIGFFGSLFTLNIQSLAVLPRPECMVRSGLTETSTSWV RVILLPQPPEELGLQHRVDFFQQIIDSQNSKETKSHKALSDLELVAQSIIIFAAYDTTS TTLPFIMYELATHPDVQQKLQEEIDAVLPNKAPVTYDALVQMEYLDMMVNETLRLFPV

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VSRVTRVCKKDIEINGVFIPKGLAVMVPIYALHHDPKYWTEPEKFCPERSH

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CYP3A43 cytochrome P450, family 3, subfamily A, polypeptide 43 [Homo sapiens]

Official Symbol

CYP3A43

Synonyms

CYP3A43; cytochrome P450, family 3, subfamily A, polypeptide 43; cytochrome P450, subfamily IIIA, polypeptide 43; cytochrome P450 3A43; cytochrome P450 polypeptide 43; MGC119315; MGC119316;

Gene ID

64816

mRNA Refseq

NM_022820

Protein Refseq

NP_073731

MIM

606534

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UniProt ID

Q9HB55

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