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 (AAI00983.1, 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	MNLETGNGPHHFPMWRYVGEKPEAGSREQQVHQLERFLWGLHHGCNHWHIIWSE LGFSQQSTRSLSEKYEEAFKIGFFGSLFTLNIQSLAVLPRPECMVRSGLTETSTSWV RVILLPQPPEELGLQHRVDFFQQIIDSQNSKETKSHKALSDLELVAQSIIIIFAAYDTTS TTLPFIMYELATHPDVQQKLQEEIDAVLPNKAPVTYDALVQMEYLDMVVNETLRLFPV

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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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