Cytochrome P450 2D6 Recombinant Protein | CYP2D6 recombinant protein

Recombinant Human Cytochrome P450 2D6

CATALOG #	HOST	APPLICATIONS
AAA38275	**Sf9 Insect Cells**	**Western Blot**

PRODUCT SYNONYMS

Cytochrome P450 2D6; Recombinant Human Cytochrome P450 2D6; CYP2D6; Cytochrome P450 2D6 Human Recombinant; CYPIID6; P450-DB1; Debrisoquine 4-hydroxylase; CPD6; CYP2D; CYP2DL1; P450C2D; MGC120389; MGC120390; LKM1; liver/kidney microsomal antigen 1; CYP2D6 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 Insect Cells
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	LKM-1 is supplied at a concentration of 1.11mg/ml in 20mM HEPES pH-7.5, 30mM NaCl, 0.3mM DTT, 0.35% Tergitol 15-S-9, 15% glycerol.
Concentration	0.35-0.6 ug/ml (depending on the type of ELISA plate and coating buffer).Suitable for biotinylation and iodination. (varies by lot)
Sequence Length	497
Applicable Applications for CYP2D6 recombinant protein	WB (Western Blot)
Immunological Functions	1. Binds IgG-type human auto-antibodies 2. Standard ELISA test (checker-board analysis of posistive/negative samples) 3. Immunodot analysis with positive/negative samples.
Coating Concentrations	0.35-0.6 µg/ml (depending on the type of ELISA plate and coating buffer). Suitable for labeling of functional groups.
Preparation and Storage	Ships on Dry Ice. Store at 4°C if entire vial will be used. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CYP2D6 recombinant protein	Cytochrome P450 2D6 Human Recombinant (also called liver/kidney microsomal antigen 1) produced in SF9, is a glycosylated, polypeptide chain having a molecular mass of 60 kDa. The LKM1 is purified by proprietary chromatographic techniques.
Product Categories/Family for CYP2D6 recombinant protein	Enzymes; Recombinant Proteins; Cytochrome

NCBI AND UNIPROT INFORMATION

NCBI GI #	392513721
NCBI GeneID	1565
NCBI Accession #	NP_000097.3
NCBI GenBank Nucleotide #	NM_000106.5
UniProt Accession #	P10635; Q16752; Q2XND6; Q2XND7; Q2XNE0; Q6B012; Q6NXU8

NCBI Official Full Name	cytochrome P450 2D6 isoform 1
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily D, polypeptide 6
NCBI Official Symbol	CYP2D6
NCBI Official Synonym Symbols	CPD6; CYP2D; CYP2DL1; CYPIID6; P450C2D; P450DB1; CYP2D7AP; CYP2D7BP; CYP2D7P2; CYP2D8P2; P450-DB1
NCBI Protein Information	cytochrome P450 2D6; cytochrome P450, family 2, subfamily D, polypeptide 7 pseudogene 2; cytochrome P450, family 2, subfamily D, polypeptide 8 pseudogene 2; cytochrome P450, subfamily II (debrisoquine, sparteine, etc., -metabolising), polypeptide 7 pseudogene 2; cytochrome P450, subfamily IID (debrisoquine, sparteine, etc., -metabolising), polypeptide 8 pseudogene 2; cytochrome P450, subfamily IID (debrisoquine, sparteine, etc., -metabolizing), polypeptide 6; cytochrome P450, subfamily IID (debrisoquine, sparteine, etc., -metabolizing)-like 1; cytochrome P450-DB1; debrisoquine 4-hydroxylase; flavoprotein-linked monooxygenase; microsomal monooxygenase; xenobiotic monooxygenase
UniProt Protein Name	Cytochrome P450 2D6
UniProt Gene Name	**CYP2D6**
UniProt Synonym Gene Names	CYP2DL1
UniProt Entry Name	CP2D6_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/cyp2d6-recombinant-protein-sf9-wb-western-blot/38275