

Recombinant Human CYP2C19 protein, His&Myc-tagged

Cat. No. CYP2C19-2793H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP2C19 protein(P33261)(26-490aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-490aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.6 kDa
AA Sequence	RGKLPPGPTPLPVIGNILQIDIKDVSKSLTNLSKIYGPVFTLYFGLERMVVLHG YE VVK EALIDLGE EFSGRGHFPLAERANRGFGIVFSNGKRWKEIRRFSLMTLRNFGMGKR SI EDRVQEEARCLVEELRKTKASPCDPTFILGCAPCNVICSII FQKRFDYKDQQFLNLME KLNENIRIVSTPWIQICNNFPTIIDYFPGTHNKLKLNLA FMESDILEKVKEHQESMDINN PRDFIDCFLIKMEKEKQNQQSEFTIENLVITAADLLGAGTETTSTTLRYALLLLKHPEV TAKVQEEIERVVGRNRSPCMQDRGHMPYTD AVVHEVQRYIDL IPTSLPHAVTCDVK FRNYLIPKGT TILTSV LHDNKEFPNPEMFDP RHFLDEGGNFKKS NYFMPFSAGK RICVGEGLARME LFLFTFILQNFNLKSLIDPKDLDTTPVVNGFASVPPFYQLCFIPV

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	CYP2C19 cytochrome P450, family 2, subfamily C, polypeptide 19 [Homo sapiens]
Official Symbol	CYP2C19
Synonyms	CYP2C19; cytochrome P450, family 2, subfamily C, polypeptide 19; CYP2C, cytochrome P450, subfamily IIC (mephenytoin 4 hydroxylase), polypeptide 19; cytochrome P450 2C19; CPCJ; P450IIC19; CYPIIC17; CYPIIC19; cytochrome P450-11A; cytochrome P450-254C; cytochrome P-450 II C; microsomal monooxygenase; xenobiotic monooxygenase; mephenytoin 4-hydroxylase; S-mephenytoin 4-hydroxylase; (R)-limonene 6-monooxygenase; (S)-limonene 6-monooxygenase; (S)-limonene 7-monooxygenase; flavoprotein-linked monooxygenase; cytochrome P450, subfamily IIC (mephenytoin 4-hydroxylase), polypeptide 19; CYP2C; P450C2C;
Gene ID	1557
mRNA Refseq	NM_000769
Protein Refseq	NP_000760
MIM	124020

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