

Recombinant Full Length Picea Sitchensis Cytochrome P450 716B2(Cyp716B2) Protein, His-Tagged

Cat. No. RFL27752PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Picea sitchensis Cytochrome P450 716B2(CYP716B2) Protein (Q50EK0) (1-497aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Picea sitchensis (Sitka spruce) (Pinus sitchensis)
Source	E.coli
ProteinLength	Full Length (1-497)
Form	Lyophilized powder
AA Sequence	MVWKEAVSVLQKAQELKEPPLMFTVFLASFIGLAFFFY LISNHRTKAWRGIPPGTFG WPL IGETLEFLG CQRKGNPRDFFDSRTQKYGNVFTTSLVGHPTVVFCSP EGNRFLF SNENKLV VNSWPSSVGNLFRSSLITTVGDDAKRLRRILMTFLRPEALREFVGRVDS MTKRHLAEHWI GKDEVTALPLLKRYTFS LACDLFASINN KDDLGR LWLHFMV FVKG VMQIPIDLPGTRYNK AKHAANAIRQQ LGSII NERKIGLEAGNASPEQDLLSFLLSNVD EQGESLTDNEIQDNILL LLYAGHDTSSSTLT VLLKFLAENPHCYEEVLREQLDIAGSK EAGQLLEWEDLQRMKYSWR VAQEALRLFPAAQGSFRKAIKEFIYDGFTIPKGWKMY WTVNSTHRKSEYFSNPETFDPSR FEGEGPPPYTFVPFGGGPRMCPGNEFARLEIL VFLHNIVKNCKWNLVNPGEKVIVDMPA PVNGLPIKLVPHDSVYI
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

GENE INFORMATION

Gene Name	CYP716B2
Synonyms	CYP716B2; Cytochrome P450 716B2; Cytochrome P450 CYP42
UniProt ID	Q50EK0

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