

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Cytochrome P450 99A3(Cyp99A3) Protein, His-Tagged

Cat. No. RFL2004OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Cytochrome P450 99A3(CYP99A3) Protein (Q0JF01) (1-502aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-502)
Form	Lyophilized powder
AA Sequence	MMEINSEATVTLVSVVTLPIILLALLTRKSSSKRRPPGPWNLPVGGLLHLLRSQPQV AL RDLAGKYGPVMFLRTGQVDTVVISSPAAAEVLRLDKDVTFASRPSLLVSEIFCYG NLDIG FAPYGAYWRMLRKLCTVELLSTKMVRQLAPIRDGETLALVRNIEAAAGGKKP FTLATLLI SCTNTFTAKAAFGQACGGELQEQLTALDEALKFSNGFCFGDLFPSLRFI DAMTGLRSRL ERLRLQLDTVFDKIVAQCESNPGDSLNVLLRIKDQGELDFPFSSSTH VKAILDMFTGGT ETTSSSTEWLMSLMRNPEVMAKVQAEVRGVFDNKSPQDHEGL LENLSYMKLVIKETLRL NPVLPLLLPHLCRETCEIGGYEIVEGTRVLINSWAMARSPE YWDDAEKFIPERFEDGTAD FKGSRFEYLPFGTGRRRCPGDIFAMATLELIVARLLYY FDWSLPDGMQPGDIDMELVVGA TARRKNHLQLVASPYKPISMQS
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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	CYP99A3
Synonyms	CYP99A3; Os04g0178400; LOC_Os04g09920; OsJ_013415; OSJNBa0096F01.14; 9-beta-pimara-7,15-diene oxidase; Cytochrome P450 99A3
UniProt ID	Q0JF01

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