

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Cytochrome P450 87A3(Cyp87A3) Protein, His-Tagged

Cat. No. RFL29282OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Cytochrome P450 87A3(CYP87A3) Protein (Q7XU38) (1-514aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-514)
Form	Lyophilized powder
AA Sequence	MQPYLQLASRLATTIPLAPRLYDANLLAASGAAMASSMAYIALLCALAAVVALLRW AY RWSHPRSNGRLPPGSLGLPVIGETLQFFAPNPTCDLSPFVKERIKRYGSIFKTSV VGRP VVSADPEMNYVVFQQEGKLFESWYPDTFTEIFGRDNVGS LHGFMYKYLKT LVLRLYGQEN LKSVLLAETDAACRGLASWASQPSVELKEGISTMIFDLTAKKLIGYD PSKPSQVNL RKN FGAFICGLISFPLNIPGTAYHECMGRKNAMKVL RGMMKERMAE PERPCEDFFDHVIQEL RREKPLL TETIALDLMFVLLFASFETTALALTIGVKLLTENPK VVDALREEHEAIRNRK DPNSGVTWAEYKSMTFTSQVIMEIVRLANIVPGIFRKALQD VEIKGYTIPAGWGIMVCP AVHLNPEIYEDPLAFNPWRWQGKPEITGGTKHFMAFG GGLRFCVGTDL SKVLMATFIHSL VTKYSWRTVKGGNIVRTPGLSFPDGFHQLFPKN
Purity	Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	CYP87A3
Synonyms	CYP87A3; Os04g0570000; LOC_Os04g48170; OSJNBa0088l22.16; Cytochrome P450 87A3
UniProt ID	Q7XU38

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