

Recombinant Full Length Oryza Sativa Subsp. Japonica Cytochrome P450 734A2(Cyp734A2) Protein, His-Tagged

Cat. No. RFL10498OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Cytochrome P450 734A2(CYP734A2) Protein (Q6Z6D6) (1-557aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-557)
Form	Lyophilized powder
AA Sequence	MEEDGGGGAGGWGATWRVA AVAAAAAVVVTMHVAARMADALWWRPRRLEAHF AAQGVGRP PYRFLGSVREMVALMAEASSKPMSPPTSHNALPRVLAFYHYWRKIY GHRFLIWFGPTPR LTVAEPELIREIFLTRADAFDRYE AHPVVRQLEGDGLVSLHGDK WALHRRVLTDAFYPDN LNRLIPHVGKSVAALAAKWGAMAEAGGSGEVEVDVAEWF QAVTEEAITRATFGRSYDDGR VVFAMQGQLMAFASEAFRKVLVPGYRFLPTKKNRL SWRLDREIRRLMRIGRRSDEAEQ GEKADDGSFRDLLGLMINAGAAAATRGNAG GEKNSPA AIPVEDMLEECKTFFFAGKQTT TNLLTWATVLLAMHPDWQERARREVF DVC GAGELPSKEHLPKLTGLMIMNETLRLYPVA VATIRRAKVDVQLSDGCMIPRD MELLVPIMAIHHDTRYWGP DASQFNPARFANGASKAAK HPLAFIPFGLGSRMCVGQ NLARLEAKLTMAILQRFEIRTS PNYVHAPT VLMLLYPQYGA PLIFRPLSSHPPDSTG P

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Purity	Greater than 90% as determined by SDS-PAGE.
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	CYP734A2
Synonyms	CYP734A2; Os02g0204700; LOC_Os02g11020; OSJNBb0056C19.10; P0544H11.26; Cytochrome P450 734A2
UniProt ID	Q6Z6D6