

Recombinant Full Length *Oenothera Parviflora* Apocytochrome F(Peta) Protein, His-Tagged

Cat. No. RFL4162OF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length <i>Oenothera parviflora</i> Apocytochrome f(petA) Protein (B0Z5E1) (34-318aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Oenothera parviflora</i> (Small-flowered evening primrose) (<i>Oenothera cruciata</i>) |
| Source | <i>E. coli</i> |
| ProteinLength | Full Length of Mature Protein (34-318) |
| Form | Lyophilized powder |
| AA Sequence | YPIFAQQGYENPREATGRIVCANCHLANKPVDIEVPQAVLPDTVFEAVVRIPYDRQV KQV LANGKKGGLNVGAVLILPEGFELAPPARISPEMKERIGNPSFQSYRPTKKNILVI GPVPG QKYSEITFPILSPDPATNKDVHFLKYPIYVGGNRGRGQIYPDGSKSNNTVYN ATAAGIVS KIIRKEKGGYEITITDASDGRQVVDIIPSGPELLVSEGESIKLDQPLTSNPN VGGFGQGD AEVVLQDPLRVQGLLFFLASVILAQIFLVLKKKQFEKVQLSEMNF |
| 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. |

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| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
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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**

petA

Synonyms

petA; Cytochrome f

UniProt ID[B0Z5E1](#)

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