

Recombinant Full Length *Xanthomonas Campestris* Pv. *Vesicatoria* Glucans Biosynthesis Glucosyltransferase H(Opgh) Protein, His-Tagged

Cat. No. RFL34158XF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> Glucans biosynthesis glucosyltransferase H(opgH) Protein (Q3BXV7) (1-645aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i>
Source	<i>E. coli</i>
ProteinLength	Full Length (1-645)
Form	Lyophilized powder
AA Sequence	<p>MDGTVTPSPTTTAMPVVSALDAGTPTLPPEAPLAMPEQNLREGSLQVRHQRTSPPG IGVR RFYLIGGTFATTAIAVWVMLSVLWPDGISVLEGCLLGLFVLLFAWIAMSFASAV AGFVTV VARAGRKLGIDPEQPLPTLRSRRTALLMPTYNEDPRLLAGLQAIYESVAET GQLEHFDFV VLSDTTREHIGRAEELVYNELCDRVDGHGRIFYRRRADNAARKAGNV ADWVRRFGGSYPQ MLILDADSVMTGDTIVRLVAGMENNPDVGLIQTLPAVVNGQTL FARMQQFGGRVYGPIIA FGVAVWHGAESNYWGHNAIIRTQAFADHAGLPSLRGRK PFGGHVLSHDFVEAALMRRGGW AMHMVPYLQGSYEEGPPTLTDLLIRDRRWCCG NLQHAKVVSAKGLHWISRMHMLIGIGHY FTAPMWGLLMLIGIGIPLAGGGIDLAGDLP FSPARYWHGSSQGNAIWIFICTMFVLLAPK LLGYIALLLNPRELRACGGAFRAAVSIL LETVLAALMAPVVMYLQSRGVFEVLAGKDSGW DAQVRDDGKLSWPALFRSYGGTL</p>

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VFGLFMGAVAYAVSPALAAWMGPVIVGMALSIPVVAL TSLRRTGMALRRAGIFCIPE
ELDPPKVLVRASELRRAAALEPSLI

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 opgH

Synonyms opgH; XCV0675; Glucans biosynthesis glucosyltransferase H

UniProt ID [Q3BXV7](#)

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