

Recombinant Full Length Bradyrhizobium Japonicum Glucans Biosynthesis Glucosyltransferase H(Opgh) Protein, His-Tagged

Cat. No. RFL12549BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bradyrhizobium japonicum Glucans biosynthesis glucosyltransferase H(opgH) Protein (Q89BU5) (1-748aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bradyrhizobium diazoefficiens
Source	E.coli
ProteinLength	Full Length (1-748)
Form	Lyophilized powder
AA Sequence	MASELPMFGQGAGVDRAACLPGAERCAGLRGLDLSMDALKQAQAPLRSAPTRPFL PQESP LSMLPCRLDRAADVRRSPVLGATLIVRRLFIFVGTALLTLAGGYGMYDVVK VGGVTFLE ALLLGLFLVLLAWVAFSFMSALAGFFVLLTRRQPNLPIDTTGPLPHVTSR TAMLLPTYNE DPHHVMARLRAMYESIDATGYGEQFDWFLSDDTDPDIWISEEMAFI ELRRACGGDQLYY RHRSDNTARKSGNIADWVTRFGAAYDHMIVLDADSLMEGDTI VRLVHAMERTPSCALIQT QPVIVNARTLFSRLQQFAGRVYGPLITAGNAWWHDGDG NYWGHNAIIRLKAFAAEAGLPE LRGRKPFGGHILSHDFVEAALMRRAGWAIYMVPA VRGSFEEVPPSLLDFAGRDRRWCCGN LQHLAVLPTRGLHWVSRLHLLTGIGSYVT APLWLLFLLVGLLISLQAHFIRPEYFPKGFS LFPTWPQQDPVLAAWVFAATMGLLILP KLLAYLVLISNREERTGFAGSGRVLGAVVCEAF VAALLAPCMMILQTKAVMEILAGR

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DAGWQVQRRGDGQLARGEVYRKLGP TLCGLVLSVC AYSVSLPLLWMSPVVLGL
LLSIPLGIMTSLQLSAPGVFATPEINEPPAVVLRANELAAA EPTMAGALRQLSRDPE
LLAEHLGSQSPASSRRFGPVDVPLATATAKVARCESLDDVLAW FDKLEMRAVLNP
TLLRRILELPAGGRD

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 multiple 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; bll8053; Glucans biosynthesis glucosyltransferase H

UniProt ID [Q89BU5](#)

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