

Active Recombinant *X. campestris* bga Protein, Met & His-tagged

Cat. No. bga-824X **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>X. campestris</i> bga (Accession # NP_638243) Ser25-Glu613, fused with an N-terminal Met and 6-His tag, was produced in <i>E. coli</i> .
Species	<i>X.campestris</i>
Source	<i>E.coli</i>
ProteinLength	Ser25-Glu613
Predicted N Terminal	Met
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave a fluorogenic substrate, 4-Methylumbelliferyl-beta -D-galactopyranoside. The specific activity is >14,000 pmol/min/µg, as measured under the described conditions. See Activity Assay Protocol on www.RnDSystems.com .
Molecular Mass	Recombinant <i>X. campestris</i> bga, Met & His-tagged has a calculated MW of 67 kDa. In SDS-PAGE migrates as 63 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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