

Recombinant Full Length Rhizobium Meliloti Nitrogen Fixation Protein Fixg(Fixg) Protein, His-Tagged

Cat. No. RFL34387RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rhizobium meliloti Nitrogen fixation protein fixG(fixG) Protein (P18396) (1-524aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rhizobium Meliloti
Source	E.coli
ProteinLength	Full Length (1-524)
Form	Lyophilized powder
AA Sequence	MLHQPCKTKATVGR LDAETVNAARVRGPLYEKRRKIFPKRAEGRFRRFKWLVMVLTL GIYY LTPWIRWDRGAHAPDQAVLIDLASRRFYFFFIEIWPQEFFFVAGLLVMAGFGLF LVTS AV GRAWCGYACPQTVWVDLFLVVERFIEGDRNARMRLDAGPWSLDKIRKRV AKHAIWVAIGV ATGGAWIFYFADAPSLMSSLVALDAPPVAYTTIGILTATTYVFGGLM REQVCTYMC PWPR IQAAML DENS LVVTYNDWRGEPRSRHAKKAAAAGEVVGDCV DCNACVAVCPMGIDIRDGQ QLECITCALCIDACDGVMDKLGREGLISYATLSDYAA NMA LATSGGTAAIDPSRV RNAH GA FRDKVRHLNWRIVFRPRVLVYFGVWATVGFG LLFGL LARDRLELNLVHDRNPQFV VES DGSVRNGY MVKLLNMIPEQRTISLTIEGMP AATMRVAGQATGDGRRVTIGVEPDKVTPLK VFVTL PKGRFAEAEEGFSLIAEDPSS HERDVYQANFNLPGAAGR
Purity	Greater than 90% as determined by SDS-PAGE.

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Applications	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	fixG
Synonyms	fixG; RA0661; SMa1211; Nitrogen fixation protein FixG
UniProt ID	P18396