

Recombinant Full Length Rhizobium Meliloti Type I Secretion System Atp-Binding Protein Prsd(Prsd) Protein, His-Tagged

Cat. No. RFL6275RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rhizobium meliloti Type I secretion system ATP-binding protein PrsD(prsD) Protein (Q7ANN4) (1-582aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Rhizobium Meliloti

Source

E.coli

ProteinLength

Full Length (1-582)

Form

Lyophilized powder

AA Sequence

MATSKGRNADPAAALRDCRAAFIGVGVASALVNLLYLTGSFFMLEVYDRILPSRSIPS
LI ALSLLALLLYAFQGAFELIRGRMLVRIAGALDESLNGRIYRAIVKAPLKLRMQGDGL
QAL RDFDQVRSFLSGVGPAALFDLPWLFPFYIAICFLFHPVIGLIAIIGGLILTLLTYLTNR
GT QAPAKKASEAGGLRNVFAQASQRNAEVVHAMGMSARLTALWERRNTEFRDEN
RRTSDIGN GYGALSKVFRMALQSGVLAAGAVLVIRGEASPGIIIAGSILTARALAPVEL
AIGNWRGLV AARQSWQRLKELLNALPEADAPLQLPDPHERLTVEGLASGPPAAQR
LVVSDVNFTVRAGG AVGVIGPSASGKSSLARAILGIWPAYRGSVRDGAALDQWDS
DALGKHVGYLPQDVELFA GTIAQNICRFAEDATSEAIVAAAKAARVNDLILRLPNGYD
TEIGDGGMTLSAGQRQRVAL ARALYGDPLVVLDEPNNSNLDAEGEQALSEAIMSVR
SRGGIVIVVAHRPSALASVDLVLM MNEGRMQAFGPKEQVLGQVLRPQQVERQNAL
KVVAEGQEAKQ

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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	prsD
Synonyms	prsD; RB1292; SM_b21466; Type I secretion system ATP-binding protein PrsD
UniProt ID	Q7ANN4