

Recombinant Full Length Rhizobium loti Beta-(1-->2)Glucan Export Atp-Binding/Permease Protein Ndva(Ndva) Protein, His-Tagged

Cat. No. RFL32779RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rhizobium loti Beta-(1-->2)glucan export ATP-binding/permease protein Ndva(ndvA) Protein (Q983H5) (1-590aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rhizobium loti
Source	E.coli
ProteinLength	Full Length (1-590)
Form	Lyophilized powder
AA Sequence	MSLLQIYWRALGYLAADKRRVALICGANVALAAIAILEPIMFGRVIDAISEHGSVFSTLA VWAGLGAFNVIAFVLVARGADRFAHARRSEVLCQSFERVITMPLAWHHQRGTSNAL HTLL RAVETLFSWLWLEFMRQHLSTAVALVLLVPTALSMDVRMSMVLLGLGVLYVGIG RLVMKRT KAGQAAVERHYHKVFAHVTDSVSNVAVLQSYNRLGHEAETLRRYVKNL LDAQNPVLDWWA IANALNRLSSTISMMVVLLIGAYLVTHGQLRVGDVIAFTGFATLLI SRLDQMSAFANQIS EARAKLEEFYKLEDSAADAAEPDGLRDLTNVTGHVRFEDVGF EFANSGQGVSGVSFEVQA GQTVAIVGPTGAGKTTLINLLQRVFSPSTGRILIDGIDTR TVTRKSLRHSIATVFQDAGL LNRSIEDNIRVGRADASNVEIHAAAVAAAAAQDFILAKS GGYDVTVGERGGQLSGGERQRI AIARAVLKDAPILVLDEATSALDVETEDRVKEAID ELRRDRTTFIAHRLTTVRDADLVV FMDKGRVVEMGGFAELSLRNGRFASLLRAGGL

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	LNDEEVRRLSRSVQGEAA
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	ndvA
Synonyms	ndvA; mlr8326; Beta-(1-->2glucan export ATP-binding/permease protein NdvA
UniProt ID	Q983H5

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