

Recombinant Full Length Transport Atp-Binding Protein Aard(Aard) Protein, His-Tagged

Cat. No. RFL32874PF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Transport ATP-binding protein AarD(aarD) Protein (Q52402) (1-588aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Providencia stuartii

Source

E.coli

ProteinLength

Full Length (1-588)

Form

Lyophilized powder

AA Sequence

MDKTRQTELVRWLKQHSTSAKRWLRISMLLGVVSGLLIIAQAWFLAVILQALIMEHTP
 RE QLLTPFILLLAVFVLRALLTVIRERVGFRCGQVVRQEVNMMVLNKLQALGPVWVK
 GKPAG SWATIVLEQIEDMQEYYSRYLPQMYLAGIIPIMILIAIFPFNWAAALILFATAPLI
 PIFM ALVGLGAADANRRNFVALGRLSGSFLDRLRGLDTLRLFFREKAEVQQIRESTE
 DFRSRTM EVLRMAFLSSGVLEFFASISIAIVAVYFGFSYLGELNFGSYGLPVTMFAGF
 LALILSPEF FQPLRDLGTYHAKAQAVGAAESLVTLLESDGEQKTETGDKTPQDKPI
 QIEANKLEIYSH DGQRLVGPLDFTIEPQQRIAVFGQSGAGKSSLLNLLLGLFPYKGS
 KINGDELKELCPDK WRALIGWVGQNPHLPEQTLIENICLGKPTASEAEIQQAIDDAYV
 SEFLPMLPDGLNTRLG DYAAARLSVGQAQRVAVARTLLKPSRILLLDEPAASLDAHSE
 KRVMHTLNQLAQQQTTIMV THLLEETVNYDQIWMANGQIIQRGHYAQLSQSEGP
 ARLLAHRSEEL

Purity

Greater than 90% as determined by SDS-PAGE.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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	aarD
Synonyms	aarD; Transport ATP-binding protein AarD
UniProt ID	Q52402

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