

Recombinant Full Length Chlamydia Trachomatis Serovar A Na(+)-Translocating Nadh-Quinone Reductase Subunit F(Nqrf) Protein, His-Tagged

Cat. No. RFL1951CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Chlamydia trachomatis serovar A Na(+)-translocating NADH-quinone reductase subunit F(nqrF) Protein (Q3KKV3) (1-431aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Chlamydia trachomatis serovar A
Source	E.coli
ProteinLength	Full Length (1-431)
Form	Lyophilized powder
AA Sequence	MTWLSGLYSIFVASAAFCSLGLILVAVILLSRKFLIKVHPCKLKINNDDSLTKTVDSGKT LLSSLLDSGIAIPSPCGGKAACKQCKVRITKNADEPLETDRSTFSKQQLEQGWRLLSC QTK VQHDLCLVEEERYFNASSWEGTVVSNENVATFIKELVLSVDPSPRPIPFKPGGYL QITVPP YKTNTSDWKQTMDPQYYSDWETFHLFDQVIDNLSLDTDSANKAYSLASYP AELPLIKFNV RIATPPFVDQAPDPTIPWGVCSYIFSLKPGDKVMISGPYGESFMKED NRPVIFLIGGAG SSFGRSHILDLLL NKHSDRELTLWYGARSLKENIYQEEYEKLEKEF PNFHYHLVLSQPLQ EDLDQGWDKNDPIKTNFLFKAFELRQLSHLPNPEDYLYYVCG PALHNSSILTLLDNYGIE RSSIVLDDFGS
Purity	Greater than 90% as determined by SDS-PAGE.

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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	nqrF
Synonyms	nqrF; CTA_0806; Na(+)-translocating NADH-quinone reductase subunit F; Na(+)-NQR subunit F; Na(+)-translocating NQR subunit F; NQR complex subunit F; NQR-1 subunit F
UniProt ID	Q3KKV3