

Recombinant Full Length V-Type Sodium ATPase Subunit I(Ntpi) Protein, His-Tagged

Cat. No. RFL25229EF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length V-type sodium ATPase subunit I(ntpi) Protein (P43439) (1-664aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Enterococcus hirae
Source	E.coli
ProteinLength	Full Length (1-664)
Form	Lyophilized powder
AA Sequence	MAVTKMEKVTLSDDKNREILLQAVQGLHAVEIRDLFQSENNQWVETFFPEPEMID KDK ELAKLSYKLTDIRTAIQFIEHHGEKSQKKQHLKRRELSLDTLEKNYSEEAFSKKL EEVLL LKEQWEQLVDERQQLEDQENWLLNWQNLDLAPKAFDSQMTKL VIGTVNAK NAESFKA EVA EINEAYLEEINSSPTTTYFAYIVLRADESRMEEIASRYGFVKEDYLYE GTPQQQLVAAKQ SLQEIKDQKKLSSAIGACSGYIKDFEWTEEIFLARSEREAIKDRII HTPYLILIQGWVD HEEKQELIHMLQNILASEEVYLTDFEPTDNEIAEEVPTKLKNHPIV APFEMLTEMYSLPK YEEVDPTPWMPFYLVFFGMMVADIGYGLLMFLGAFLLQKL VLPRGMQRFAKFFEILAI PSIIWGFYSSFFGAALPKEIFGIHLPPILSTDDVNTILILS VIFGLIQILVGLFIAA KEHIKRKAYVDAVNDGFAWQWILLGIILLGTMTLKNNAFVYLG GALAVLSAVCILIP VFQSSSKAKGIAKGAYNLYGLTGYIGDLVSYTRLMALGISGGSI AAAFNMLVAFMPPAAR FSVGILLIIVLQALNMFLTLLSAYVHGARLQYVEFFGKFYTG GGRSFKPLKTVEKYVNIN HKKK

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Purity	Greater than 90% as determined by SDS-PAGE.
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	ntpl
Synonyms	ntpl; ntpM; EHR_08235; V-type sodium ATPase subunit I; Na(+)-translocating ATPase subunit I; V-type sodium pump subunit I
UniProt ID	P43439

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