

Recombinant Full Length Anolis Carolinensis Rhodopsin(Rho) Protein, His-Tagged

Cat. No. RFL3626AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Anolis carolinensis Rhodopsin(RHO) Protein (P41591) (1-352aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Anolis carolinensis (Green anole) (American chameleon)
Source	E.coli
ProteinLength	Full Length (1-352)
Form	Lyophilized powder
AA Sequence	MNGTEGQNFYVPM SNKTGVVRNPF EYPQYYLADPWQFSALAA YMFLLILLGFPINFL TLF VTIQHKKLR TPLNYILLNLAVANLFMVL MGFTTTMYTSMNGYFIFGT VGCNIEGF FATLG GEMGLW SLVVL AVERYV VICKPMSNFR FGETHALIGVSCTWIMALACAGPP LLGWSRYIP EGMQCSCGVDYYTPTPEVHNESFVIYMFLVHFVTPLTIIFFCYGR LVCT VKAAA AQQQES ATTQKAEREVTRMVIMVISFLVCWVPYASVAFYIFTHQGSDFGP VFMTIPAFFAKSSAI YNPVIYILMNKQFRNCMIMTLCCGKNPLGDEETSAGTKTETST VSTSQVSPA
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

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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

RHO

Synonyms

RHO; Rhodopsin

UniProt ID

[P41591](#)

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