

Recombinant Full Length *Xenopus laevis* Atlastin-2(AtI2) Protein, His-Tagged

Cat. No. RFL2869XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length *Xenopus laevis* Atlastin-2(atI2) Protein (Q6GN29) (1-569aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species

Xenopus laevis

Source

E. coli

Protein Length

Full Length (1-569)

Form

Lyophilized powder

AA Sequence

MAEGGSLRNRRTRFGSRSNEAMNHVDYPDENFVEEIQLNSDTEVMEKPRPIQIVLAH
 EDDH NFELDETALESILMQDHIRDNLNVVLSVAGAFRKGKSFLDFMLRFMYSQSSS
 WIGGNYE PLTGFTWRGGCERETTGIQIWSEVVFVVEKPDGSKVAVILMDTQGAFDSQ
 STIKDCATVFA LSTMTSSVQVYNLSQNIQEDDLQHLQLFTEYGR LAMEEIIYKKPFQT
 LMFLIRDWSYPYEH SYGLEGGNKFLEKRLQVKQNQHEELQNVRKHIHSCFTNIGCF
 LLPHPLKLVATNPYFDGR LVEIDDEFKRELRELVPLLLAPENLVEKEISGSKVTCRDL
 LEYFKAYIKIYQGEELPHPK SMLQATAEANNMAAVAGAKDTYSRSMEQVCGGDKPY
 IAPSDLERKHLDLKETCIKQFRSV KKMGGEEFCRRYQEQLAEIEETYANFLKHNDG
 KNIFYAARTPATLFAVMFAMYIISGLT GFIGMNSIATICNLIMGLTLLSFCTWAYVKYS
 GEFRELGLIDQIAEIIWEQLLPLSDN LMEDNIRQTVRNSIKAGLTDQVSGRLKTN

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 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	atl2
Synonyms	atl2; arl6ip2; Atlastin-2; ADP-ribosylation factor-like protein 6-interacting protein 2; ARL-6-interacting protein 2; Aip-2
UniProt ID	Q6GN29

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