

Recombinant human BOLA1 protein

Catalog Number: ATGP1911

PRODUCT INFORMATION

Expression system

E.coli

Domain

21-137aa

UniProt No.

Q9Y3E2

NCBI Accession No.

NP_057158

Alternative Names

BolA-like protein 1, CGI-143

PRODUCT SPECIFICATION

Molecular Weight

14 kDa (140aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

BOLA1 belongs to the bolA/yrbA family. BolA proteins (hBolA1, hBolA2, and hBolA3) are novel non-classical secreted proteins identified with bioinformatics and molecular biology experiments. The three BolA fusion proteins with c-Myc tag could be secreted into the culture medium of the transfected Cos-7 cells, although they could not be colocalized with Golgi apparatus. And the secretion of three BolA proteins could not be inhibited after BFA treatment. Recombinant human BOLA1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

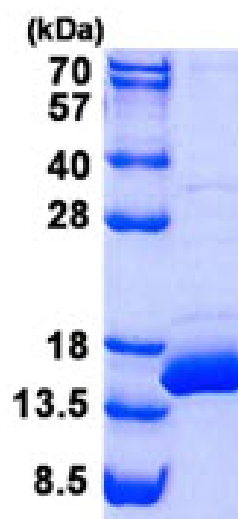
MGSSHHHHHH SGLVPRGSH MGSQGSAGSG AIGPVEAAIR TKLEEALSPE VLELRNESGG HAVPPGSETH FRVAVSSRF
EGLSPLQRHR LVHAALAEEL GGPVHALAIQ ARTPAQWREN SQLDTSPCL GGNKKTGTP

General References

Zhou YB, Cao JB, et al. (2008). Mol Cell Biochem. 317(1-2):61-8.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)