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# Recombinant human BOLA1 protein

Catalog Number: ATGP1911

#### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

21-137aa

#### UniProt No.

**09Y3E2** 

#### **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**

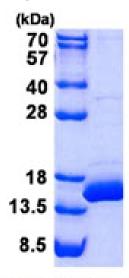
MGSSHHHHHH SSGLVPRGSH MGSQGSAGSG AIGPVEAAIR TKLEEALSPE VLELRNESGG HAVPPGSETH FRVAVVSSRF EGLSPLQRHR LVHAALAEEL GGPVHALAIQ ARTPAQWREN SQLDTSPPCL GGNKKTLGTP

## **General References**

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

# **DATA**

## **SDS-PAGE**



15% SDS-PAGE (3ug)

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

