

BOLA1, 21-137aa, Human, His tag, E.coli

Cat.NO.: TP01358

3th Edition

Synonyms:BolA-like protein 1, CGI-143

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.

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

Molecular Weight:14kDa (140aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSQGSAGSGAIGPVVEAAIRTKLEEALSPEVLELRNESGGHAVPPGSETHFRVAV
VSSRFEGLSPLQRHRLVHAALAEELGGPVHALAIQARTPAQWRENSQLDTSPPCLGGNKKTGTGTP

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.