
Product Data Sheet

Product Name: BOLA1 Human
 Cat. No.: GP22890
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Bola-like protein 1; hBola; BOLA1; CGI-143.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSQGSAGSG AIGPVEAAIR TKLEEALSPE VLELRNESGG HAVPPGSETH FRVAVVSSRF EGLSPLQRHR LVHAALAEEL GGPVHALAIQ ARTPAQWREN SQLDTSPCL GGNKKTGTP.		
Formulation	BOLA1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.		

Introduction

Bola Homolog 1(BOLA1) is a member of the bola/yrbA family. Bola proteins, which include the: hBola1, hBola2, and hBola3, are novel non-classical secreted proteins detected with bioinformatics and molecular biology experiments. The 3 Bola fusion proteins with c-Myc tag can be secreted into the culture medium of the transfected Cos-7 cells, even though they could not be colocalized with Golgi apparatus. Also, the secretion of 3 Bola proteins could not be inhibited after BFA treatment.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

BOLA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 140 amino acids (21-137 a.a) and having a molecular mass of 14kDa. BOLA1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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