
Product Data Sheet

Product Name: BOLA3 Human
 Cat. No.: GP22891
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Bola Family Member 3; MMDS2; Bola Homolog 3 (E. Coli); Bola-Like3 (E. Coli); Bola-Like Protein 3; Bola Homolog 3; Bola-like protein 3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAAWSPA AAPLLRGIR GLPLHHRMFA TQTEGELRVT QILKEKFP RATAIKVTDISG GCGAMY EIKI ESEEFKEKRT VQQHQMVNQA LKEEIKEMHG LRIFTSVPKR.		
Formulation	BOLA3 protein solution (1mg/ml) containing Phosphatebuffered saline (pH7.4) and 10% glycerol.		

Introduction

BOLA Homolog 3, also known as BOLA3 is a member of the Bola/IbaG family. BOLA3 is a novel non-classical secreted protein which its secretion is nondependent on its predicted signal peptide. Furthermore, Human BolAs belongs to three different groups with functional divergence of Bola subfamily, where the different helix-turn-helix motif among BOLA 1, BOLA 2, as well as BOLA3 is responsible for their functional divergence.

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

BOLA3 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 130 amino acids (1-107 a.a) and having a molecular mass of 14.5kDa. BOLA3 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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