

Recombinant human BOLA3 protein

Catalog Number: ATGP3108

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-107aa

UniProt No.

Q53S33

NCBI Accession No.

NP_997717

Alternative Names

BolA-like protein 3 isoform1, MMDS2

PRODUCT SPECIFICATION

Molecular Weight

14.5 kDa (130aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

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

BOLA3 also known as BolA-like protein 3 isoform1. BOLA3 is novel non-classical secreted protein and the secretion was not dependent on its predicted signal peptide. 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, and BOLA3 could be responsible for their functional divergence. Recombinant human BOLA3 was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

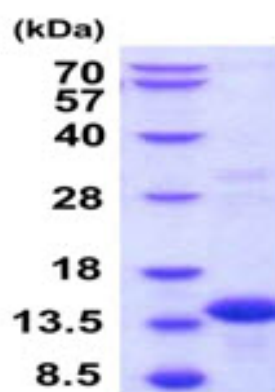
MGSSHHHHHH SSSLVPRGSH MGSMAAWSPA AAAPLLRGIR GLPLHHRMFA TQTEGELRVT QILKEKFPRA TAIKVTDISG
GCGAMYEIKI ESEEFKEKRT VQQHQMVNQA LKEEIKEMHG LRIFTSVPKR

General References

Zhou Y.B., et al. (2008) Mol. Cell. Biochem. 317:61-68.
Cameron J.M., et al. (2011) Am. J. Hum. Genet. 89:486-495.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)