

Recombinant Human BOLA3, His-tagged

Cat. No. BOLA3-88H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BOLA3 was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-107 aa
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.
Form	Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol
Molecular Mass	14.5kDa (130aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSMAAWSPA AAPLLRGIR GLPLHHRMFA TQTEGELRVT QILKEKFPRA TAIKVTDISG GCGAMYEIKI ESEEFKEKRT VQQHQMVNQA LKEEIKEMHG LRIFTSVPKR
Purity	>95% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Absorbance at 280nm)
GENE INFORMATION	
Gene Name	BOLA3 bolA homolog 3 (E. coli) [Homo sapiens]
Official Symbol	BOLA3
Synonyms	bolA homolog 3 (E. coli); bolA-like 3 (E. coli); MMDS2; bolA-like protein 3; BOLA3
Gene ID	388962
mRNA Refseq	NM_212552.2
Protein Refseq	NP_997717.2
MIM	613183
UniProt ID	Q53S33
Chromosome Location	2p13.1
Function	molecular_function