

Product datasheet for **TP309532L**

BOLA1 (NM_016074) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human bolA homolog 1 (E. coli) (BOLA1), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone
or AA Sequence: >RC209532 representing NM_016074
Red=Cloning site **Green**=Tags(s)

MLSGRLVLGLVSMAGRVCLCQGSAGSGAIGPVEAAIRTKLEEALSPEVLELRNESGGHAVPPGSETHFRV
AVVSSRFEGLSPLQRHRLVHAALAEELGGPVHALAIQARTPAQWRENSQLDTSPPCLGGNKKTLGTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 14.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_057158](#)

Locus ID: 51027

UniProt ID: [Q9Y3E2](#)

RefSeq Size: 812

Cytogenetics: 1q21.2



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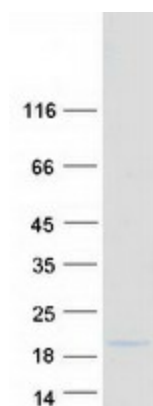
RefSeq ORF: 411

Synonyms: CGI-143

Summary: Acts as a mitochondrial iron-sulfur (Fe-S) cluster assembly factor that facilitates (Fe-S) cluster insertion into a subset of mitochondrial proteins (By similarity). Probably acts together with the monothiol glutaredoxin GLRX5 (PubMed:27532772). May protect cells against oxidative stress (PubMed:22746225).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified BOLA1 protein (Cat# [TP309532]). The protein was produced from HEK293T cells transfected with BOLA1 cDNA clone (Cat# [RC209532]) using MegaTran 2.0 (Cat# [TT210002]).