

[Go to Product page](#)

Datasheet for ABIN7552814
BOLA1 Protein (AA 1-137) (His tag)

Overview

Quantity:	1 mg
Target:	BOLA1
Protein Characteristics:	AA 1-137
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BOLA1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BOLA1 Protein expressed in mammalian cells.
Sequence:	MLSGRLVLGL VSMAGRVCLC QGSAGSGAIG PVEAAIRTKL EEALSPEVLE LRNESGGHAV PPGSETHFRV AVVSSRFEGL SPLQRHRLVH AALAEELGGP VHALAIQART PAQWRENSQL DTSPCLGGN KKT LGTP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	BOLA1
Alternative Name:	BOLA1 (BOLA1 Products)
Background:	BolA-like protein 1 (hBoA),FUNCTION: 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). {ECO:0000250 UniProtKB:Q3E793, ECO:0000269 PubMed:22746225, ECO:0000305 PubMed:27532772}.
Molecular Weight:	14.3 kDa
UniProt:	Q9Y3E2

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months