

Datasheet for ABIN7562563
BTG4 Protein (AA 1-250) (His tag)



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Overview

Quantity:	1 mg
Target:	BTG4
Protein Characteristics:	AA 1-250
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTG4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Btg4 Protein expressed in mammalien cells.
Sequence:	MRDEIATAVF FVTRLVKKHE KLSTQQIETF ALKLMTILFE KYRGHWHPDC PSKGQAFRCI RINNNENKDP VLERACAESN VNFHFLGLPK EMTIWVDPYE VCCRYGEEKKH PFTIASFKGR WENWELAQHV SCAVNRATGD CSSGTSSDEE SCSREAQIIP KVNPNKSVYQ VENFKQSLQP WFCLPRRKHL ADGRGFLPGA ACHVPKSSK WCRPASRRVD RYHWVNAQLF SGQTAPGEPG EEALSSLKQK 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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- 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, Western Blot

Grade: custom-made

Target Details

Target: BTG4

Alternative Name: Btg4 ([BTG4 Products](#))

Background: Protein BTG4 (BTG family member 4) (Protein PC3b),FUNCTION: Adapter protein that bridges CNOT7, a catalytic subunit of the CCR4-NOT complex, to EIF4E, and facilitates maternal mRNAs decay during the maturation of oocytes and in the fertilized egg (PubMed:27065194). It is therefore required for the maternal-zygotic transition (MZT), zygotic cleavage and initiation of embryonic development (PubMed:27065194). {ECO:0000269|PubMed:27065194}.

Molecular Weight: 28.6 kDa

UniProt: [O70552](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
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