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Datasheet for ABIN7559670

**BATF2 Protein (AA 1-277) (His tag)**

## Overview

Quantity:	1 mg
Target:	BATF2
Protein Characteristics:	AA 1-277
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BATF2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Batf2 Protein expressed in mammalian cells.
Sequence:	<p>MQLCGSSELL TETDLGESQK QLKKKQKNRV AAQRSRQKHT SKADALHQQH ESLEKQNHAL RKEIQALQTE LAGWGRTLHL HERLCRVDCD PCPVLLPSGC PIQAKQPSGQ PAPLGYNGCQ EQLGLFQTPG SSPRAQHLSP GPCSHESPLG LPSLLPSLAF DPLMVRTPLA QLSPSPVLSA SSPSGSSLLG SFSKLDPLIP SPQDQLAPPQ PLRQEQTSG RLASSDSPAA LGPECSQNRE HLPALPGSST HWQKSSVAPS PQALMAFPLL SSAKVHF <b>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.</b></p>
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:

## Product Details

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- 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.
- 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.

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

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## Target Details

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Target:	BATF2
Alternative Name:	Batf2 ( <a href="#">BATF2 Products</a> )
Background:	Basic leucine zipper transcriptional factor ATF-like 2 (B-ATF-2),FUNCTION: AP-1 family transcription factor that controls the differentiation of lineage-specific cells in the immune system. Selectively suppresses CCN1 transcription and hence blocks the downstream cell proliferation signals produced by CCN1 and inhibits CCN1-induced anchorage-independent growth and invasion in several cancer types. Possibly acts by interfering with AP-1 binding to CCN1 promoter (By similarity). Following infection, participates in the differentiation of CD8(+) thymic conventional dendritic cells in the immune system. Acts via the formation of a heterodimer with JUN family proteins that recognizes and binds DNA sequence 5'-TGA[CG]TCA-3' and regulates expression of target genes. {ECO:0000250, ECO:0000269 PubMed:22992524}.
Molecular Weight:	29.7 kDa
UniProt:	<a href="#">Q8R1H8</a>

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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