

Datasheet for ABIN7560901
BATF3 Protein (AA 1-118) (His tag)



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Overview

Quantity:	1 mg
Target:	BATF3
Protein Characteristics:	AA 1-118
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BATF3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Batf3 Protein expressed in mammalian cells.
Sequence:	MSQGPPAVSV LQRSVDAPGN QPQSPKDDDR KVRRREKNRV AAQRSRKKQT QKADKLHEEH ESLEQENSVL RREISKLKEE LRHLSEVLKE HEKMCPLLLC PMNFVQLRSD PVASCLPR 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:	BATF3
Alternative Name:	Batf3 (BATF3 Products)
Background:	Basic leucine zipper transcriptional factor ATF-like 3 (B-ATF-3),FUNCTION: AP-1 family transcription factor that controls 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. Required for development of CD8-alpha(+) classical dendritic cells (cDCs) and related CD103(+) dendritic cells that cross-present antigens to CD8 T-cells and produce interleukin-12 (IL12) in response to pathogens. {ECO:0000269 PubMed:19008445, ECO:0000269 PubMed:20351058, ECO:0000269 PubMed:21867928}.
Molecular Weight:	13.7 kDa
UniProt:	Q9D275

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
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