

## Recombinant Rat BATF3 Protein (1-133 aa), His-tagged

Cat. No. BATF3-1339R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat BATF3 Protein (1-133 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
<b>Species</b>	Rat
<b>Source</b>	Yeast
<b>ProteinLength</b>	1-133 aa
<b>Description</b>	AP-1 family transcription factor that controls the differentiation of CD8+ thymic conventional dendritic cells in the immune syst. 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.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	17.1 kDa
<b>AA Sequence</b>	MSQGPPAGGVLQSSVAAPGNQPQSPKDDDRKVRREKNRVAAQRSRKKQTQKSD KLHEEHESLEQENSVLRREIAKLKEELRHLTEALKEHEKMCPLLLCPMNFVQLRPDP VASWSAHDAPDHPSFIWLGTLV

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<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

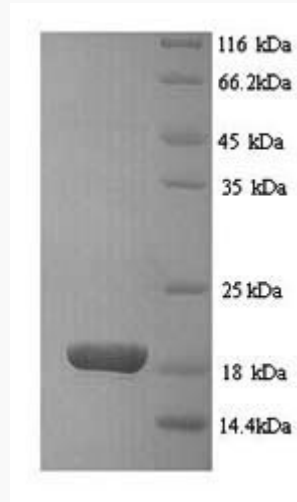
## GENE INFORMATION

<b>Gene Name</b>	Batf3 basic leucine zipper transcription factor, ATF-like 3 [ Rattus norvegicus ]
<b>Official Symbol</b>	BATF3
<b>Synonyms</b>	BATF3; JDP-1; B-ATF-3; Jdp1;
<b>Gene ID</b>	60462
<b>mRNA Refseq</b>	NM_021865
<b>Protein Refseq</b>	NP_068637
<b>UniProt ID</b>	P97876

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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