

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

Cat. No. BATF3-351R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat BATF3 Protein (1-133 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Rat
Source	E.coli
ProteinLength	1-133 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	19.1 kDa
AA Sequence	MSQGPPAGGVLQSSVAAPGNQPQSPKDDDRKVRREKNRVAAQRSRKKQTQKSD KLHEEHESLEQENSVLRREIAKLKEELRHLTEALKEHEKMCPLLLCPMNFVQLRPDP VASWSAHDAPDHPSFIWLGTLV

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

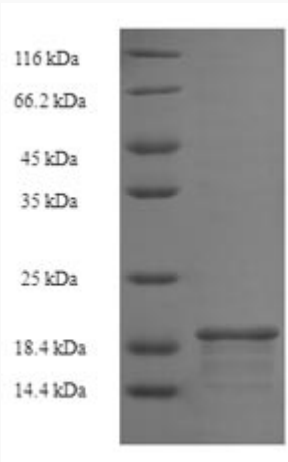
GENE INFORMATION

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

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

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