

Product datasheet for **TP524969**

Batf3 (NM_030060) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse basic leucine zipper transcription factor, ATF-like 3 (Batf3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR224969 protein sequence
Red=Cloning site **Green**=Tags(s)

MSQGPPAVSVLQRSVDAPGNQPQSPKDDDRKVRREKNRVAAQRSRKKQTQKADKLHEEHESLEQENSVL
RREISKLKEELRHLSEVLKEHEKMCPLLLCPMNFVQLRSDPVASCLPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 13.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_084336](#)

Locus ID: 381319

UniProt ID: [Q9D275](#)

RefSeq Size: 712

Cytogenetics: 1 H6

RefSeq ORF: 357



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Synonyms: 9130211I03Rik; Snft

Summary: 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.[UniProtKB/Swiss-Prot Function]