

Recombinant Rattus norvegicus Basic leucine zipper transcriptional factor ATF-like 3

Catalog No: #AP72451

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Package Size: #AP72451-1 20ug #AP72451-2 100ug #AP72451-3 1mg

Description

Product Name	Recombinant Rattus norvegicus Basic leucine zipper transcriptional factor ATF-like 3
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-133aaSequence Info:Full Length
Other Names	Jun dimerization protein 1 ;JDP-1
Accession No.	P97876
Uniprot	P97876
GeneID	60462;
Calculated MW	17.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MSQGPPAGGVLQSSVAAPGNQPQSPKDDDRKVRREKNRVAAQRSRKKQTQKSDKLHEEHESLEQENSVL RREIAKLKEELRHLTEALKEHEKMCPLLLCPMNFVQLRPDPVASWSAHDAPDHPSFIWLGTLV
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 .

References

Isolation of an AP-1 repressor by a novel method for detecting protein-protein interactions.Aronheim A., Zandi E., Hennemann H., Elledge S.J., Karin M.Mol. Cell. Biol. 17:3094-3102(1997)Research Topic:Others

Note: This product is for in vitro research use only