

## Recombinant Human BATF3 cell lysate

**Cat. No.** BATF3-1656HCL    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                                                                                       |
| <b>Description</b>    | This gene encodes a member of the basic leucine zipper protein family. The encoded protein functions as a transcriptional repressor when heterodimerizing with JUN. The protein may play a role in repression of interleukin-2 and matrix metalloproteinase-1 transcription |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                                      |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                   |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                               |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | BATF3 basic leucine zipper transcription factor, ATF-like 3 [ Homo sapiens ]                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | BATF3                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | BATF3; basic leucine zipper transcription factor, ATF-like 3; basic leucine zipper transcriptional factor ATF-like 3; JDP1; Jun dimerization protein 1; JUNDM1; SNFT; B-ATF-3; Jun dimerization protein p21SNFT; 21-kD small nuclear factor isolated from T cells; 21 kDa small nuclear factor isolated from T-cells; FLJ36352; FLJ37535; |

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|                            |                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 55509                                                                                                                                                                   |
| <b>mRNA Refseq</b>         | NM_018664                                                                                                                                                               |
| <b>Protein Refseq</b>      | NP_061134                                                                                                                                                               |
| <b>MIM</b>                 | 612470                                                                                                                                                                  |
| <b>UniProt ID</b>          | Q9NR55                                                                                                                                                                  |
| <b>Chromosome Location</b> | 1q32.3                                                                                                                                                                  |
| <b>Pathway</b>             | Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem; Calcium signaling in the CD4+ TCR pathway, organism-specific biosystem; |
| <b>Function</b>            | protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity;          |

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