Datasheet for ABIN5709767

# IRF8 Protein (AA 1-424, full length) (His-SUMO Tag)

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## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | IRF8 |
| Protein Characteristics: | full length, AA 1-424 |
| Origin: | Mouse |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This IRF8 protein is labelled with His-SUMO Tag. |
| Application: | SDS-PAGE (SDS) |

## Product Details

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| Sequence: | MCDRNGGRRL RQWLIEQIDS SMYPGLIWEN DEKTMFRIPW KHAGKQDYNQ EVDASIFKAW AVFKGKFKEG DKAEPATWKT RLRCALNKSP DFEEVTDRSQ LDISEPYKVY RIVPEEEQKC KLGVAPAGCM SEVPEMECGR SEIEELIKEP SVDEYMGMTK RSPSPPEACR SQILPDWWVQ QPSAGLPLVT GYAAYDTHHS AFSQMVISFY YGGKLVGQAT TTCLEGCRLS LSQPGLPKLY GPDGLEPVCF PTADTIPSER QRQVTRKLFG HLERGVLLHS NRKGVFVKRL CQGRVFCSGN AVVCKGRPNK LERDEVVQVF DTNQFIRELQ QFYATQSRLP DSRVVLCFGE EFPDTVPLRS KLILVQVEQL YARQLVEEAG KSCGAGSLMP ALEEPQPDQA FRMFPDICTS HQRPFFRENQ QITV |
| Purification: | SDS-PAGE |
| Purity: | > 90 % |

## Target Details

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|---|---|
| Target: | IRF8 |
| Alternative Name: | IRF8 (IRF8 Products) |
| Background: | Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)). Plays a regulatory role in cells of the immune syst. Involved in CD8+ dendritic cell differentiation by forming a complex with the BATF-JUNB heterodimer in immune cells, leading to recognition of AICE sequence (5'-TGAnTCA/GAAA-3'), an immune-specific regulatory elent, followed by cooperative binding of BATF and IRF8 and activation of genes. |
| Molecular Weight: | 64.21 kDa |
| UniProt: | P23611 |
| Pathways: | Cellular Response to Molecule of Bacterial Origin |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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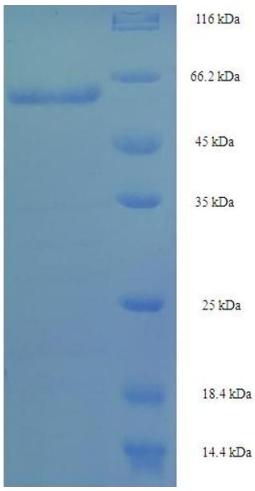
| Format: | Liquid |
| Concentration: | 0.1-2 mg/mL |
| Buffer: | 20 mM Tris-HCl based buffer, pH 8.0 |
| Storage: | -80 °C,4 °C,-20 °C |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |




## SDS-PAGE

**Image 1.**

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