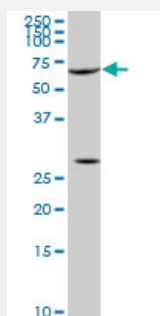


# SRF monoclonal antibody (M03), clone 1E1

Catalog # H00006722-M03

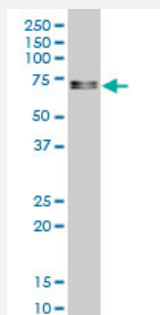
Size 100 ug

## Applications



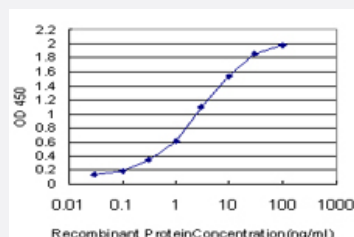
### Western Blot (Cell lysate)

SRF monoclonal antibody (M03), clone 1E1. Western Blot analysis of SRF expression in A-431 ( Cat # L015V1 ).



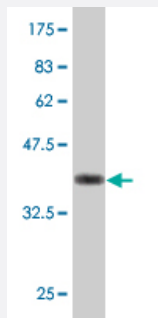
### Western Blot (Cell lysate)

SRF monoclonal antibody (M03), clone 1E1 Western Blot analysis of SRF expression in HeLa S3 NE ( Cat # L013V3 ).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SRF is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.07 KDa) .

## Specification

|                                      |                                                                                                                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse monoclonal antibody raised against a partial recombinant SRF.                                             |
| <b>Immunogen</b>                     | SRF (AAH48211, 406 a.a. ~ 508 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                      | HMMYPSPHAVMYAPTSGLGDGSLTVLNAFSQAPSTMQVSHSQVQEPGGVPQVFLTASSGTVQI<br>PVSAVQLHQMAVIGQQAGSSSNLTEQVVNLDTAHSTKSE      |
| <b>Host</b>                          | Mouse                                                                                                           |
| <b>Reactivity</b>                    | Human                                                                                                           |
| <b>Interspecies Antigen Sequence</b> | Mouse (96); Rat (96)                                                                                            |
| <b>Isotype</b>                       | IgG2a Kappa                                                                                                     |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.07 KDa) .        |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                               |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                        |

## Applications

- Western Blot (Cell lysate)

SRF monoclonal antibody (M03), clone 1E1. Western Blot analysis of SRF expression in A-431 ( Cat # L015V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

SRF monoclonal antibody (M03), clone 1E1 Western Blot analysis of SRF expression in Hela S3 NE ( Cat # L013V3 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SRF is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — SRF

Entrez GeneID [6722](#)

GeneBank Accession# [BC048211](#)

Protein Accession# [AAH48211](#)

Gene Name SRF

Gene Alias MCM1

Gene Description serum response factor (c-fos serum response element-binding transcription factor)

Omim ID [600589](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

This gene encodes a ubiquitous nuclear protein that stimulates both cell proliferation and differentiation. It is a member of the MADS (MCM1, Agamous, Deficiens, and SRF) box superfamily of transcription factors. This protein binds to the serum response element (SRE) in the promoter region of target genes. This protein regulates the activity of many immediate-early genes, for example c-fos, and thereby participates in cell cycle regulation, apoptosis, cell growth, and cell differentiation. This gene is the downstream target of many pathways; for example, the mitogen-activated protein kinase pathway (MAPK) that acts through the ternary complex factors (TCFs). [provided by RefSeq]

**Other Designations** OTTHUMP00000039820

## Pathway

- [MAPK signaling pathway](#)

## Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)