

# SRF (Human) Cell-Based ELISA Kit

Catalog # KA3501

Size 1 Kit

## Specification

<b>Product Description</b>	SRF (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of SRF expression in cultured cells.
<b>Suitable Sample</b>	Attached Cell, Loosely Attached Cell, Suspension Cell
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Qualitative
<b>Reactivity</b>	Human, Mouse, Rat
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store the kit at 4°C.

## Applications

- Qualitative

## Gene Info — SRF

<b>Entrez GeneID</b>	<a href="#">6722</a>
<b>Gene Name</b>	SRF
<b>Gene Alias</b>	MCM1
<b>Gene Description</b>	serum response factor (c-fos serum response element-binding transcription factor)
<b>Omim ID</b>	<a href="#">600589</a>

## 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](#)