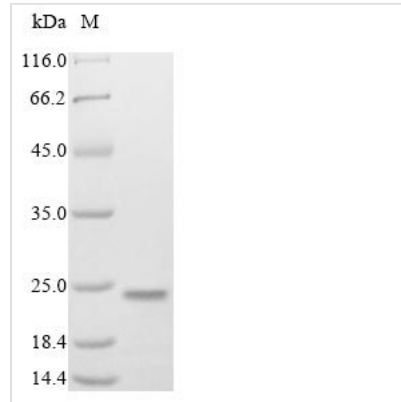




# Recombinant Mouse Transcription factor MafK (Mafk)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-MP713990MO   |
| <b>Relevance</b>         | Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves. However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins and recruiting them to specific DNA-binding sites. Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NF-E2 transcription factor. |
| <b>Abbreviation</b>      | Recombinant Mouse Mafk protein   |
| <b>Storage</b>           | 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.  |
| <b>Uniprot No.</b>       | Q61827   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Mus musculus (Mouse)   |
| <b>Purity</b>            | Greater than 85% as determined by SDS-PAGE.  |
| <b>Sequence</b>          | MTTNPKPNKALKVKKEAGENAPVLSDDDELVSMSVRELNQHLRGLTKEEVTRLK<br>QRRRTLKNRGYAASCRIKRVTKQEELERQRVELQQEVEKLARENSSMRLELD<br>ALRSKYEALQTFARTVARGPVTPTKVATTSSVITIVKSAELSSTSVPFSAAS   |
| <b>Research Area</b>     | Epigenetics and Nuclear Signaling  |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | Mafk   |
| <b>Protein Names</b>     | Erythroid transcription factor NF-E2 p18 subunit   |
| <b>Expression Region</b> | 1-156aa  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | N-terminal 10xHis-tagged and C-terminal Myc-tagged   |
| <b>Mol. Weight</b>       | 21.5 kDa   |
| <b>Protein Length</b>    | Full Length  |
| <b>Image</b>             |  |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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.