

# Recombinant Mouse Cfi protein, His&Myc-tagged

**Cat. No.** Cfi-938M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Cfi protein(19-603aa)(Q61129), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Mammalian cell.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 19-603aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 69.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | KNTPASGQPQEDLVEQKCLLKNYTHHSCDKVFCQPWQKCIEGTCACKLPYQCPKA<br>GTPVCATNGRGYPTYCHLKSFECLEHPEIKFSNNGTCTAEEKFNVSLIYGSTDTEGIV<br>QVKLVDQDEKMFICKNSWSTVEANVACFDLGFPLGVRDIQGRFNIPVNHKINSTECL<br>HVRCQGVETSLAECTFTKKSSKAPHGLAGVVCYTQDADFPTSQSFCVNGKRIPQE<br>KACDGVND CGDQSDCLCKGCRGQAF LCKSGVCIPNQRKCN GEVDCITGEDESGC<br>EEDKKNKIHKGLARSDQGGETEIEETEEMLT PDM DTERKRIKSLLPKLSCGVKRNT<br>HIRRKRVVGGKPAEMGDYPWQVAIKDGDRITCGGIYIGGCWILTAHCVRPSRYRN<br>YQVWTSLLDWLKPNSQLAVQGVSRVVVHEKYNGATYQNDIALVEMKKHPGKKECE<br>LINSVPACVPWSPYLFQPNDRCIISGWGREKDNQKVYSLRWGEVDLIGNCSRFPYG<br>RYYEKEMQ CAGTSDGSIDACKGDSGGPLVCKDVNNVTYVWGIVSWG ENCGKPEFP |

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GVYTRVASYFDWISYYVGRPLVSQYNV

**Purity**

Greater than 85% as determined by SDS-PAGE.

**Storage**

Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

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.

## GENE INFORMATION

**Gene Name**

Cfi complement component factor i [ *Mus musculus* ]

**Official Symbol**

Cfi

**Synonyms**

CFI; complement component factor i; complement factor I; C3B/C4B inactivator;

**Gene ID**

12630

**mRNA Refseq**

NM\_007686

**Protein Refseq**

NP\_031712

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