Recombinant Rat Cfi protein, His&Myc-tagged

Cat. No. Cfi-2211R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cfi protein(Q9WUW3)(19-604aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.
Species	Rat
Source	Insect Cells
ProteinLength	19-604aa
Form	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.
Molecular Mass	69.2 kDa
AA Sequence	KNTPASGQPQEDLVEQKCLLKNYTHHSCDKVFCQPWQKCIEGTCACKLPYQCPKA GTPVCATNGRGYPTYCHLKSFECLHPEIKFSNNGTCTAEEKFNVSLIYGSTDTEGIV QVKLVDQDEKMFICKNSWSTVEANVACFDLGFPLGVRDIQGRFNIPVNHKINSTECL HVRCQGVETSLAECTFTKKSSKAPHGLAGVVCYTQDADFPTSQSFQCVNGKRIPQE KACDGVNDCGDQSDELCCKGCRGQAFLCKSGVCIPNQRKCNGEVDCITGEDESGC EEDKKNKIHKGLARSDQGGETEIETEETEMLTPDMDTERKRIKSLLPKLSCGVKRNT HIRRKRVVGGKPAEMGDYPWQVAIKDGDRITCGGIYIGGCWILTAAHCVRPSRYRN YQVWTSLLDWLKPNSQLAVQGVSRVVVHEKYNGATYQNDIALVEMKKHPGKKECE LINSVPACVPWSPYLFQPNDRCIISGWGREKDNQKVYSLRWGEVDLIGNCSRFYPG

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	RYYEKEMQCAGTSDGSIDACKGDSGGPLVCKDVNNVTYVWGIVSWGENCGKPEFPGVYTRVASYFDWISYYVGRPLVSQYNV
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Cfi complement factor I [Rattus norvegicus]
Official Symbol	Cfi
Synonyms	CFI; complement factor I; C3B/C4B inactivator;
Gene ID	79126
mRNA Refseq	NM_024157
Protein Refseq	NP_077071

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