

Recombinant Mouse Cfi Protein, MYC/DDK-tagged

Cat. No. Cfi-880M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse complement component factor i (Cfi), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
ProteinLength	1-603 aa
Description	This gene encodes a serine protease that plays an important role in the classical and alternative complement pathways where it cleaves C4b and C3b components of C3 and C5 convertases. The encoded preproprotein undergoes proteolytic processing to generate an active, disulfide-linked heterodimeric enzyme comprised of heavy and light chains.
Molecular Mass	67.7 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Cfi complement component factor i [*Mus musculus* (house mouse)]

Official Symbol Cfi

Synonyms Cfi; complement component factor i; complement factor I; C3B/C4B inactivator; EC 3.4.21.45

Gene ID 12630

mRNA Refseq NM_007686

Protein Refseq NP_031712

UniProt ID Q61129

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