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 μg/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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