

Recombinant Human CFI protein, His-tagged, Low Endotoxin

Cat. No. CFI-1560H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CFI protein(P05156)(Lys19-Val583), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-583 aa
Form	Lyophilized from 0.22µm filtered solution in 20mM Tris, 150mM NaCl (pH 8.0). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 64.58 kDa. Due to autocatalytic cleavage and glycosylation, the protein migrates to 40-47 kDa, 50-55 kDa and 75-95 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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GENE INFORMATION

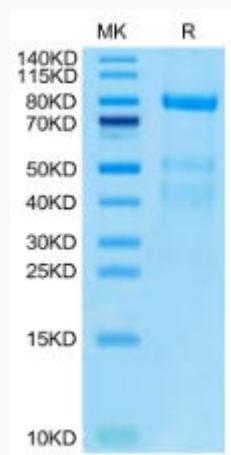
Gene Name	CFI complement factor I [Homo sapiens]
Official Symbol	CFI
Synonyms	CFI; complement factor I; I factor (complement), IF; C3b INA; C3b inactivator; FI; KAF; Konglutinogen activating factor; C3b-inactivator; C3B/C4B inactivator; complement component I; light chain of factor I; Konglutinogen-activating factor; complement factor I heavy chain; complement control protein factor I; IF; AHUS3; C3BINA; C3b-INA;
Gene ID	3426
mRNA Refseq	NM_000204
Protein Refseq	NP_000195
MIM	217030
UniProt ID	P05156

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Bis-Tris PAGE



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