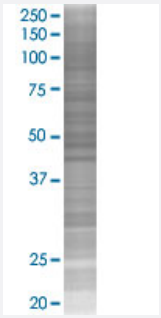
CFI 293T Cell Transient Overexpression Lysate(Denatured)

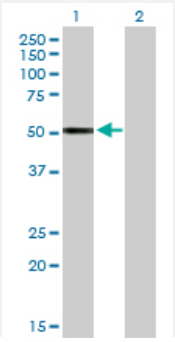
Catalog # H00003426-T02 Size 100 uL

Applications



SDS-PAGE Gel

CFI transfected lysate.



Western Blot

Lane 1: CFI transfected lysate (42.40 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CFI full-length
Host	Human
Theoretical MW (kDa)	42.4
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-CFI antibody (H00003426-D01P) by Western Blots. SDS-PAGE Gel CFI transfected lysate. Western Blot Lane 1: CFI transfected lysate (42.40 KDa) Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CFI

Entrez GeneID	3426
GeneBank Accession#	BC020718.1
Protein Accession#	AAH20718.1
Gene Name	CFI
Gene Alias	C3B-INA, FI, IF, KAF
Gene Description	complement factor I
Omim ID	217030
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a serine proteinase that is essential for regulating the complement cascade. The encoded preproprotein is cleaved to produce both heavy and light chains, which are linked by disulfide bonds to form a heterodimeric glycoprotein. This heterodimer can cleave and inactivate the complement components C4b and C3b, and it prevents the assembly of the C3 and C5 convertase enzymes. Defects in this gene cause complement factor I deficiency, an autosomal recessive disease associated with a susceptibility to pyogenic infections. Mutations in this gene have been associated with a predisposition to atypical hemolytic uraemic syndrome, a disease characterized by acute renal failure, microangiopathic hemolytic anemia and thrombocytopenia. Primary glomerulonephritis with immmune deposits is another condition associated with mutation of this gene. [provided by RefSeq
Other Designations	C3B/C4B inactivator|C3b-inactivator|I factor (complement)|Konglutinogen-activating factor|complement component I|complement control protein factor I|light chain of factor I

Pathway

- Complement and coagulation cascades

Disease

- Alcoholism
- Genetic Predisposition to Disease
- Hemolytic-Uremic Syndrome
- Macular Degeneration
- Recurrence
- Tobacco Use Disorder