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Datasheet for ABIN7454104

Complement Factor I Protein (CFI) (AA 19-603) (His tag)

Overview

Quantity:	100 µg
Target:	Complement Factor I (CFI)
Protein Characteristics:	AA 19-603
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Complement Factor I protein is labelled with His tag.

Product Details

Purpose:	Mouse Complement factor I Protein
Sequence:	Arg19-Val603
Characteristics:	Recombinant Mouse Complement factor I Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Arg19-Val603.
Purity:	> 90 % as determined by Tris-Bis PAGE, > 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Complement Factor I (CFI)
Alternative Name:	Complement factor I (CFI Products)

Target Details

Background:	Complement factor I (CFI) is a serine protease which plays a key role in the modulation of complement system and the induced-fit factor responsible for controlling the complement-mediated processes.
Molecular Weight:	66.39 kDa. Due to autocatalytic cleavage and glycosylation, the protein migrates to 80-100 kDa on Tris-Bis PAGE result.
UniProt:	Q61129
Pathways:	Complement System

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in 50 mM Tris, 150 mM NaCl (pH 8.0). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months