

Datasheet for ABIN6951009

Adipsin Protein (AA 26-253) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	Adipsin (CFD)
Protein Characteristics:	AA 26-253
Origin:	Rhesus Monkey, Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Adipsin protein is labelled with His tag.

Product Details

Sequence:	AA 26-253
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	Adipsin (CFD)
Alternative Name:	Complement Factor D (CFD Products)
Background:	Complement factor D (CFD) is also known as Adipsin, C3 convertase activator, Properdin factor D (PFD), which contains one peptidase S1 domain and belongs to the peptidase S1 family. CFD / Adipsin cleaves factor B when the latter is complexed with factor C3b, activating the C3bbb complex, which then becomes the C3 convertase of the alternate pathway. CFD / Adipsin is a serine protease that stimulates glucose transport for triglyceride accumulation in fats cells and

Target Details

	inhibits lipolysis. Defects in CFD / Adipsin are the cause of complement factor D deficiency which predisposes to invasive meningococcal disease.
Molecular Weight:	26.5 kDa
NCBI Accession:	XP_005587397
Pathways:	Complement System

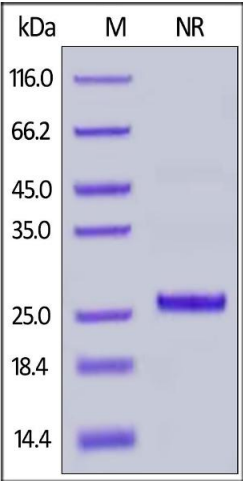
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 150 mM NaCl, pH 8.0
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



SDS-PAGE

Image 1. Rhesus macaque / Cynomolgus Complement Factor D, His Tag on under ing (NR) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .