

Datasheet for ABIN7274336

**Adipsin Protein (AA 26-259) (Fc Tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Adipsin (CFD)
Protein Characteristics:	AA 26-259
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Adipsin protein is labelled with Fc Tag.

## Product Details

Purpose:	Mouse Complement Factor D/CFD Protein
Sequence:	Ile26-Ser259
Characteristics:	Recombinant Mouse Complement Factor D/CFD Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ile26-Ser259.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	Adipsin (CFD)
Alternative Name:	Complement Factor D ( <a href="#">CFD Products</a> )

## Target Details

Background:	Complement factor D is a serine protease essential for the activation of the alternative pathway and is expressed in the kidney, adipocytes, and macrophages. Factor D is found at relatively high levels in glomeruli suggesting that this component of the complement cascade could influence renal pathophysiology. Complement factor D or alternative pathway activation is needed to prevent spontaneous accumulation of C3 and IgM deposits within the mesangium.
Molecular Weight:	52.2 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Complement System</a>

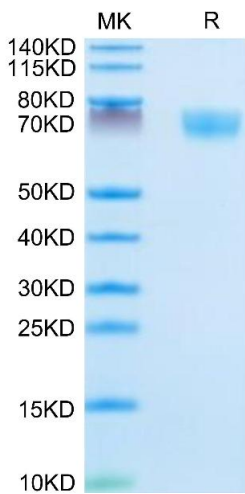
## Application Details

Restrictions:	For Research Use only
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## Handling

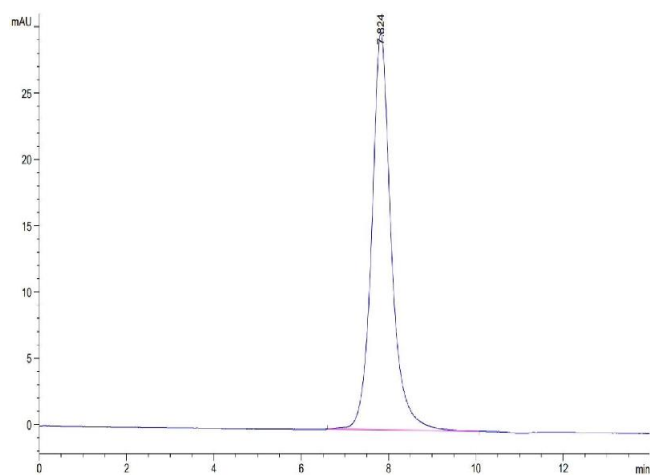
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM Tris, 500 mM NaCl ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

## Images



### SDS-PAGE

**Image 1.** Mouse Complement Factor D on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



## Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse Complement Factor D is greater than 95 % as determined by SEC-HPLC.