

Datasheet for ABIN7274692

**FSTL3 Protein (AA 24-256) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	FSTL3
Protein Characteristics:	AA 24-256
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FSTL3 protein is labelled with His tag.

## Product Details

Purpose:	Mouse FSTL3 Protein
Sequence:	Val24-Val256
Characteristics:	Recombinant Mouse FSTL3 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val24-Val256.
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:	FSTL3
Alternative Name:	FSTL3 ( <a href="#">FSTL3 Products</a> )

## Target Details

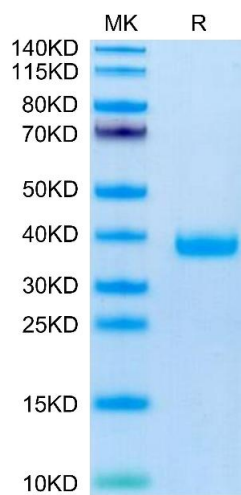
Background:	Follistatin-like 3 (FSTL3) is a novel cytokine that regulates insulin sensitivity and counteracts activin/myostatin signalling. In the present study, regulation of FSTL3 in renal dysfunction was investigated in both human chronic kidney disease (CKD) and acute kidney dysfunction (AKD). Furthermore, mFSTL3 expression was analysed in insulin-sensitive tissues in a mouse model of CKD.
Molecular Weight:	26 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">Q9EQC7</a>

## Application Details

Restrictions:	For Research Use only
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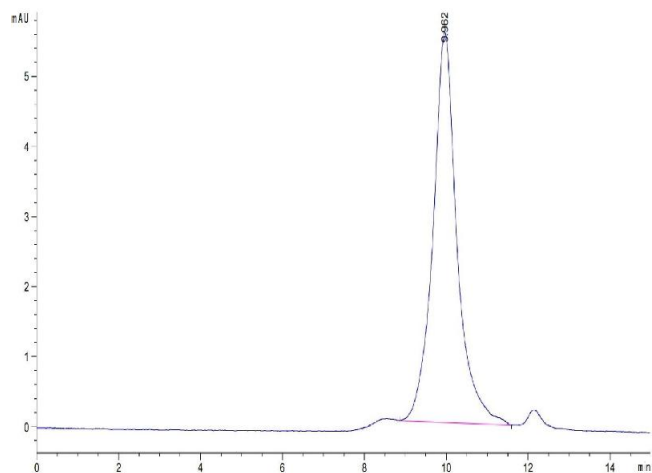
## Handling

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 PBS ( pH 7.4). 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



SDS-PAGE

**Image 1.** Mouse FSTL3 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 FSTL3 is greater than 95 % as determined by SEC-HPLC.