Datasheet for ABIN7566386

SERPINA12 Protein (AA 21-413) (DYKDDDDK Tag)

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Overview

Quantity:	10 µg
Target:	SERPINA12
Protein Characteristics:	AA 21-413
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA12 protein is labelled with DYKDDDDK Tag.

Product Details

Purpose:	Vaspin (mouse) (rec.)
Cross-Reactivity:	Mouse
Characteristics:	Mouse vaspin (aa 21-413) is fused at the N-terminus to a DYKDDDDK Tag.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test).

Target Details

Target:	SERPINA12
Alternative Name:	Vaspin (SERPINA12 Products)
Background:	Visceral Adipose Tissue-derived Serine Protease Inhibitor, Serpin A12, Visceral Adipose-specific Serpin

Target Details

	Vaspin (Visceral adipose tissue-derived serpin, Serpin A12), a serine protease inhibitor (serpin), is an insulin-sensitizing adipocytokine that has been isolated from both visceral and subcutaneous white adipose tissue. Vaspin modulates insulin action by specifically inhibiting its target protease KLK7 in white adipose tissues. Based on recent findings, vaspin is suggested to regulate immune responses and inflammation and is correlated with various metabolic parameters. Vaspin may represent a novel biomarker for obesity and impaired insulin sensitivity and might serve as a new therapeutic target of metabolic syndrome.
Molecular Weight:	~55kDa (SDS-PAGE)
UniProt:	Q7TMF5

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	0.1 mg/mL after reconstitution
Concentration:	0.1 mg/mL
Buffer:	Contains PBS.
Handling Advice:	After opening, prepare aliquots and store at -20 °C.Avoid freeze/thaw cycles.Centrifuge lyophilized vial before opening and reconstitution.For maximum product recovery after thawing, centrifuge the vial before opening the cap.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & Stability: Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.