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Datasheet for ABIN2746005

**SERPINA12 Protein (AA 21-414) (DYKDDDDK Tag)**

## Overview

Quantity:	3 x 10 µg
Target:	SERPINA12
Protein Characteristics:	AA 21-414
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA12 protein is labelled with DYKDDDDK Tag.
Application:	SDS-PAGE (SDS)

## Product Details

Cross-Reactivity:	Human
Characteristics:	Human vaspin (aa 21-414) is fused at the N-terminus to a FLAG®-tag.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

## Target Details

Target:	SERPINA12
Alternative Name:	Vaspin ( <a href="#">SERPINA12 Products</a> )
Background:	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

## Target Details

subcutaneous white adipose tissue. Based on recent findings, vaspin is suggested to regulate immune responses and inflammation and was found to be 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: [Q8IW75](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with 100 µL sterile water.

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months