

Datasheet for ABIN7320831  
**SERPINE2 Protein (His tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	SERPINE2
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINE2 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse SerpinE2/SERPINE2 Protein (His Tag)
Sequence:	Ser20-Pro397
Characteristics:	Recombinant Mouse Serpin E2 is produced by our Mammalian expression system and the target gene encoding Ser20-Pro397 is expressed with a 10His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	SERPINE2
Alternative Name:	SerpinE2/SERPINE2 ( <a href="#">SERPINE2 Products</a> )
Background:	Background: Serpin E2 is a member of the Serpin superfamily of the serine protease inhibitors. Serpin E2 is a potent inhibitor of thrombin, plasmin and plasminogen activators. It is differentially expressed during neuronal differentiation and is able to transform

Target Details

humanembryonic kidney cells into neuronlikecells. Its over-expressionin mice leads to progressive neuronal and motor dysfunction in these animals. It is also over-expressedin the majority of pancreatic carcinoma as well as gastric and colorectal cancer samples whereas it is weakly expressed in all normal pancreas and chronicpancreatitis tissue samples. It plays an important role in controlling male fertility because its knockout male mice show a marked impairment in fertility from theonset of sexual maturity and its abnormal expression is found in the semen of men with seminal dysfunction.

Synonym: Glia-derived nexin, GDN, Peptidase inhibitor 7, PI-7, Protease nexin 1, PN-1, Protease nexin I, Serine protease-inhibitor 4, Serpin E2, Pi7, Pn1, Spi4

Molecular Weight: 43.2 kDa

UniProt: [Q07235](#)

Application Details

Restrictions: For Research Use only

Handling

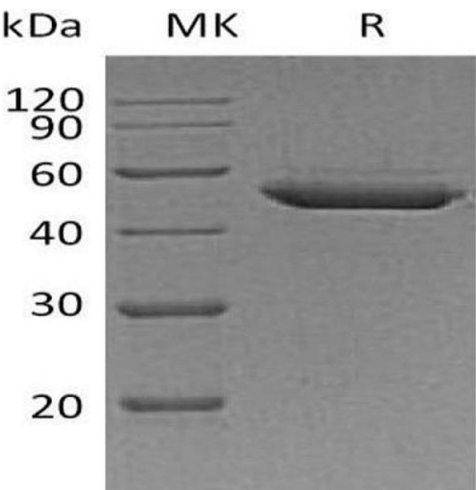
Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris,150 mM NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.