

## Product datasheet

# Recombinant Human CAPON/NOS1AP protein ab160626

[1 Image](#)

### Overview

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<b>Product name</b>	Recombinant Human CAPON/NOS1AP protein
<b>Protein length</b>	Protein fragment

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	WTWDESKMLVMQDPPIYRIFYVSHDSQDLKIFSYIARDG ASNIFRCNVFKS KKKSQAMRVRTVGQAFEVCHKLSLQHTQQNADGQE DGESERNNSSSGDP GRQL
<b>Amino acids</b>	99 to 202
<b>Tags</b>	GST tag N-Terminus

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab160626** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml. This product was previously labelled as CAPON

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
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pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

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### Function

Adapter protein involved in neuronal nitric-oxide (NO) synthesis regulation via its association with nNOS/NOS1. The complex formed with NOS1 and synapsins is necessary for specific NO and synapsin functions at a presynaptic level. Mediates an indirect interaction between NOS1 and RASD1 leading to enhance the ability of NOS1 to activate RASD1. Competes with DLG4 for interaction with NOS1, possibly affecting NOS1 activity by regulating the interaction between NOS1 and DLG4.

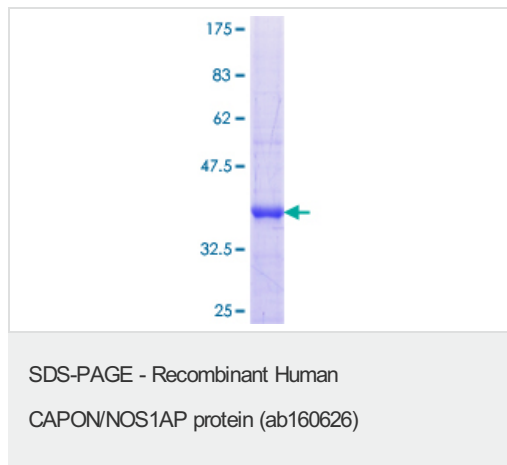
### Sequence similarities

Contains 1 PID domain.

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## Images

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ab160626 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
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