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Datasheet for ABIN5713030

## ENOS Protein (AA 519-690) (His tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	ENOS (NOS3)
Protein Characteristics:	AA 519-690
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENOS protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	ATILYGSETG RAQSYAQLG RLFRKAFDPR VLCMDEYDVV SLEHEALVLV VTSTFGNGDP PENGESFAAA LMEMSGPYNS SPRPEQHKS Y KIRFNSVSCS DPLVSSWRRK RKESNTDSA GALGTLRFCV FGLGSRAYPH FCAFARAVDT RLEELGGERL LQLGQGDEL C GQ
Purification:	SDS-PAGE
Purity:	> 90 %

#### Target Details

Target:	ENOS (NOS3)
Alternative Name:	NOS3 ( <a href="#">NOS3 Products</a> )
Background:	Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor

## Target Details

(VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

Molecular Weight: 23 kDa

UniProt: [Q62600](#)

Pathways: [ACE Inhibitor Pathway](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Cellular Response to Molecule of Bacterial Origin](#), [Myometrial Relaxation and Contraction](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Thromboxane A2 Receptor Signaling](#), [VEGFR1 Specific Signals](#), [VEGF Signaling](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Images



### SDS-PAGE

Image 1.