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## Neuroserpin Protein (AA 17-410) (His tag)



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	N/P	r\/	i⊢₩

Specificity:

Purity:

Characteristics:

Quantity:	1 mg
Target:	Neuroserpin (SERPINI1)
Protein Characteristics:	AA 17-410
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neuroserpin protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	TGAA FPDETIAEWS VNVYNHLRAT GEDENILFSP LSIALAMGVM ELGAQGSTLK EIRHSMGYES
	LKSGEEFSFL RDFSSMVSAE EGQYVMKIAN SLFVQNGFHI NEEFLQMMKM YFNAEVNHVD
	FSENVAVANY INKWVENYTN SLLKDLVSPG DFDAVTHLAL INAVYFKGNW KSQFRPENTR
	TFSFTKDDES EVQIPMMYQQ GEFYYGEFSD GSNEAGGIYQ VLEIPYEGDE ISMMLVLSRQ
	EVPLATLEPL LKPQLIEEWA NSVKKQKVEV YLPRFTVEQE IDLKDILKAL GVTEIFIKDA
	NLTAMSDKKE LFLSKAVHKS FIEVNEEGSE AAVASGMIAI SRMAVLFPQV IVDHPFLFLI

Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

cells or by baculovirus infection. Be aware about differences in price and lead time.

KNRKTGTILF MGRVMHPETM NTSGHDFEEL

Rattus norvegicus (Rat)

> 90 %

#### **Target Details**

Target:	Neuroserpin (SERPINI1)	
Alternative Name:	Neuroserpin (Serpini1) (SERPINI1 Products)	
Background:	Recommended name: Neuroserpin.  Alternative name(s): Peptidase inhibitor 12.  Short name= PI-12 Serine protease inhibitor 17 Serpin I1	
UniProt:	Q9JLD2	
Pathways:	Regulation of Hormone Metabolic Process	

### **Application Details**

#### Comment:

The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions:

For Research Use only

#### Handling

Format:	Lyophilized	
Concentration:	0.2-2 mg/mL	
Buffer:	Tris-based buffer, 50 % glycerol	
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week	
Storage:	-20 °C	
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.	