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Datasheet for ABIN1475802 NOS1AP Protein (AA 1-503) (His tag)

Overview

Quantity:	1 mg
Target:	NOS1AP
Protein Characteristics:	AA 1-503
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOS1AP protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MPSKTKYNLV DDGHDLRIPL HNEDAFQHGI SFEAKYVGSL DVPRPNSRVE IVAAMRRIRY</p> <p>EFKAKNIKKK KVSIMVSVDG VKVILKKKKK KKEWTWDESK MLVMQDPIYR IFYVSHDSQD</p> <p>LKIFSYIARD GASNIFRCNV FSKKKKSQAM RIVRTVGQAF EVCHKLSLQH TQQNADGQED</p> <p>GESERNSDGS GDPGRQLTGA ERVSTATAEE TDIDAVEVPL PGNDILEFSR GVTDLDAIGK</p> <p>DGGSHIDTTV SPHPQEPMLA ASPRMLLPSS SSSKPPGLGT GTPLSTHHQM QLLQQLLQQQ</p> <p>QQQTQVAVAQ VHLLKDQLAA EAAARLEAQA RVHQLLLQNK DMLQHISLLV KQVQELELKL</p> <p>SGQSTMGSQD SLEITFRSG ALPVLCESTT PKPEDLHSPL LGAGLADFAH PVGSPLGRRD</p> <p>CLVKLECFRF LPAEDNQPM QGEPLLGLE LIKFRESGIA SEYESNTDES EERDSWSQEE</p> <p>LPRLNLVLQR QELGDSLDDE IAV</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: NOS1AP

Alternative Name: Carboxyl-terminal PDZ ligand of neuronal nitric oxide synthase protein (Nos1ap) ([NOS1AP Products](#))

Background: Recommended name: Carboxyl-terminal PDZ ligand of neuronal nitric oxide synthase protein.
Alternative name(s): C-terminal PDZ ligand of neuronal nitric oxide synthase protein Nitric oxide synthase 1 adaptor protein

UniProt: [O54960](#)

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 modified 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

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.