Datasheet for ABIN1652451

SP100 Protein (AA 1-215) (His tag)

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Overview

Quantity:	1 mg
Target:	SP100
Protein Characteristics:	AA 1-215
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SP100 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EGDRGASKNW KLSIRCGGYT LKVLTENKFL PEPPSTRKKR ILESHNNTLV DPCEEHKKKN PDASVKFSEF LKKRSEMWKT IFAKEKGKFE DMAKADKAHY EREMKTYIPP KGEKKKKFKD PNAPKRPPLA FFLFCSEYRP KIKGEHPGLS IDDVVKKLAG MWNNTAASDK QFYEKKAAKL KEKYKKDIAA CRAKGKPNSA TKRVVKAEKS KKKKE
Specificity:	Pan troglodytes (Chimpanzee)
Characteristics:	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.
Purity:	> 90 %

Target Details

Target:	SP100

Target Details

Alternative Name:	Nuclear autoantigen Sp-100 (SP100) (SP100 Products)
Background:	Recommended name: Nuclear autoantigen Sp-100. Alternative name(s): Nuclear dot-associated Sp100 protein Speckled 100 kDa
UniProt:	Q9N1Q7
Pathways:	Retinoic Acid Receptor Signaling Pathway

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.