

Datasheet for ABIN1632747
SESN1 Protein (AA 1-492) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | SESN1 |
| Protein Characteristics: | AA 1-492 |
| Origin: | Cynomolgus |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SESN1 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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|------------------|--|
| Sequence: | MRLATAANEA YTAPLAVSEL LGCKQCGGGR DHDEELGIRI PRPLGQGPSR FIPEKEILQV GSEDAQMHAL FADSFAALGR LDNITLVMVF HPQYLESFLK TQHYLLQMDG PLPLHYRHYI GIMAAARHQC SYLVNLHVND FLHVGGDPKW LNGLENAPQK LQNLGELNKV LAHRPWLITK EHIEGLLKAE EHSWSLAELV HAVVLLTHYH SLASFTFGCG ISPEIHCDGG HTFRPPSVSN YCICDITNGN HSDVEMPVNS AENVSVSDSF FEVEALMEKM RQLQECRDEE EASQEEMASR FEIEKRESMF VFSSDDDEV T PARDVSRHFE DTSYGYKDFS RHGMHVPTFR VQDYCWEDHG YSLVNRLYPD VGQLIDEKFH IAYNLTYNTM AMHKDVDTSMLRRAIWNYIH CMFGIRYDDY DYGEINQLLD RSFKVYIKTV VCTPEKVTKR MYESFWRQFK HSEKVHVNLL LIEARMQAE LYALRAITRY MT |
| Specificity: | Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey) |
| 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: SESN1

Alternative Name: Sestrin-1 (SESN1) ([SESN1 Products](#))

Background: Recommended name: Sestrin-1

UniProt: [Q4R6P7](#)

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 modiflicated 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.