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Datasheet for ABIN1459912

RPSA/Laminin Receptor Protein (AA 2-295) (His tag)

Overview

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|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | RPSA/Laminin Receptor (RPSA) |
| Protein Characteristics: | AA 2-295 |
| Origin: | Cow |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This RPSA/Laminin Receptor protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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| Sequence: | SGALDVLQM KEEDVLKFLA AGTHLGGTNL DFQMEQYIYK RKSDGIYIN LKRTWEKLLL AARAIVAIEN PADVSVISSR NTGQRAVLKF AAATGATPIA GRFTPGTFTN QIQAAFREPR LLVVDPRAD HQPLTEASYV NLPTIALCNT DSPLRYVDIA IPCNNKGAHS VGLMWWMLAR EVLRMRGTTIS REHPWEVMPD LYFYRDPEEI EKEEQAAAEEK AVTKKEEFQGE WTAPAPEFTA AQPEVADWSE GVQVPSVPIQ QFPTEDWSAQ PSTEDWSAAP TAQATEWVGT TTEWS |
| Specificity: | Bos taurus (Bovine) |
| 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. |
| Purity: | > 90 % |

Target Details

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| Target: | RPSA/Laminin Receptor (RPSA) |
| Alternative Name: | 40S ribosomal protein SA (RPSA) (RPSA Products) |
| Background: | <p>Recommended name: 40S ribosomal protein SA.</p> <p>Alternative name(s): 37 kDa laminin receptor precursor.</p> <p>Short name= 37LRP 37/67 kDa laminin receptor.</p> <p>Short name= LRP/LR 67 kDa laminin receptor.</p> <p>Short name= 67LR Laminin receptor 1.</p> <p>Short name= LamR Laminin-binding protein precursor p40.</p> <p>Short name= LBP/p40 Protein C10</p> |
| UniProt: | P26452 |
| Pathways: | Ribonucleoprotein Complex Subunit Organization , Ribosome Assembly |

Application Details

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| Comment: | <p>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.</p> |
| Restrictions: | For Research Use only |

Handling

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| 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.