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Datasheet for ABIN1659061

INPP5E Protein (AA 1-647) (His tag)

Overview

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| Quantity: | 1 mg |
| Target: | INPP5E |
| Protein Characteristics: | AA 1-647 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This INPP5E protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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| Sequence: | <p>MPSKSACLRH TEAPGQLEGR MLQGQLSNPE KKLIPTSASL PAADSQSSQT NSMPPLSMPA</p> <p>KPSNQNLQAK ANLITPQPPI RPKLERTLSL DDKGWRRRRF RGSQEDLTVQ NGASPCRGS</p> <p>QDSVAQSPAY SRPLPCLSTS LQEIPKPRRP QAAREGAHPC GVTVFLEMIS TSWTSCTERV</p> <p>PQVGHSRLAS LRATHTPPAM DLNIASSSLR TANKVDPEHT DYKLRMQNRL VRAHSNGLGPS</p> <p>RPRSPLAGDD HSIHSARSSF SLLAPIRTKD IRSRSYLEGS LLASGALLGA DELARYFPDR</p> <p>NMALFVATWN MQGQKELPAS LDEFLLPTEA DYTQDLYVIG VQEGCSDRRE WETRLQETLG</p> <p>PQYVLLSSAA HGVLYMSLFI RRDLIWFCSE VEYSTVTTRI VSQIKTKGAL GVSFTFFGTS</p> <p>FLFITSHFTS GDGKVAERLL DYNRTIQALA LPRNVPTNP YRSSAGDVTT RFDEVFWFGD</p> <p>FNFRLSGGRV AVEAFLKQDP EVDVLALLQH DQLTREMKKG SIFKGFEAE IHFLPSYKFD</p> <p>IGKDTYDSTS KQRTPSYTDR VLYKSRHKGD ICPMKYSSCP GIKTSDHRPV YGLFRVKVRP</p> <p>GRDNIPLAAG KFDRELYLIG IKRRISKEIQ RQEALKSQSS SAVCTVS</p> |
| Specificity: | Rattus norvegicus (Rat) |

Product Details

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| 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. |
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| Purity: | > 90 % |
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Target Details

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| Target: | INPP5E |
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| Alternative Name: | 72 kDa inositol polyphosphate 5-phosphatase (Inpp5e) (INPP5E Products) |
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| Background: | <p>Recommended name: 72 kDa inositol polyphosphate 5-phosphatase.</p> <p>EC= 3.1.3.36.</p> <p>Alternative name(s): 5-phosphatase that induces arborization.</p> <p>Short name= Pharbin Phosphatidylinositol 4,5-bisphosphate 5-phosphatase</p> <p>Phosphatidylinositol polyphosphate 5-phosphatase type IV</p> |
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| UniProt: | Q9WVR1 |
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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 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.</p> |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
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| Concentration: | 0.2-2 mg/mL |
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| Buffer: | Tris-based buffer, 50 % glycerol |
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| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to |
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Handling

one week

Storage: -20 °C

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