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Datasheet for ABIN1632241 HRPT2 Protein (AA 2-531) (His tag)

Overview

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|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | HRPT2 (CDC73) |
| Protein Characteristics: | AA 2-531 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HRPT2 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | <p>ADVLSVLRQ YNIQKKEIVV KGDEVIFGEF SWPKNVKTNV VVWGTGKEGQ PREYYTLDSI</p> <p>LFLNNVHLS HPVYVRRRAAT ENIPVVRPD RKDLLGYLNG EASTSASIDR SAPLEIGLQR</p> <p>STQVKRAADE VLAEAKKPRI EDEECVRLDK ERLAARLEGH KEGIVQTEQI RSLSEAMLVE</p> <p>KIAAIKAKIM AKKRSTIKTD LDDITALKQ RSFVDAEVDV TRDIVSRERV WRTRTTILQS</p> <p>TGKNFSKNIF AILQSVKARE EGRAPEQRPA PNAAPVDPTL RTKQPIPAAY NRYDQERFKG</p> <p>KEETEGFKID TMGTYHGMTL KSVTEGASAR KTQTPAAQPV PRPVSQARPP PNQKKSRTPT</p> <p>IIIPAATTS LITMLNAKDL LQDLKFVPSD EKKKQGCQRE NETLIQRRKD QMQPGGTAIS</p> <p>VTVPYRVVDQ PLKLMPQDWD RVVAVFVQGP AWQFKGWPWL LPDGSPVDIF AKIKAFHLKY</p> <p>DEVRLDPNVQ KWDVTVLELS YHKRHLDRPV FLRFWETLDR YMVKHKSHLR F</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: HRPT2 (CDC73)

Abstract: [CDC73 Products](#)

Background: Recommended name: Parafibromin.
Alternative name(s): Cell division cycle protein 73 homolog Hyperparathyroidism 2 protein homolog

UniProt: [Q4V8C8](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Stem Cell Maintenance](#)

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

Handling

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