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Datasheet for ABIN1474501

Uromodulin Protein (UMOD) (AA 26-615) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | Uromodulin (UMOD) |
| Protein Characteristics: | AA 26-615 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Uromodulin protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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|--------------|--|
| Sequence: | <p>NDSPE ARRCSECHDN ATCVLDGVVT TCSCQAGFTG</p> <p>DGLVCEDIDE CATPWTHNCS NSICMNTLGS YECSCQDGFR LTPGLGCIDV NECTEQGLSN</p> <p>CHSLATCVNT EGSYSCVCPK GYRGDGWYCE CSPGFCEPGL DCLPQGSPGK LVCQDPCNVY</p> <p>ETLTEYWRST DYGAGYSCDS DMHGWYRFTG QGGVRMAETC VPVLRCNTAA PMWLNGSHPS</p> <p>SREGIVSRTA CAHWSDHCLL WSTEIQVKAC PGGFYVYNLT EPPECNLAYC TDPSSVEGTC</p> <p>EECGVDEDCV SDNGRWRCQC KQDFNVDVS LLEHRLECEA NEIKISLSKC QLQSLGFMKV</p> <p>FMYLNDRQCS GFSERGERDW MSIVTPARDG PCGTVLRRNE THATYSNTLY LASEIIIRDI</p> <p>NIRINFECSY PLDMKVSLKT SLQPMVSALN ISLGGTGKFT VQMALFQNPT YTQPYQGPSV</p> <p>MLSTEAFLYV GTMLDGGDLS RFVLLMTNICY ATPSSNSTDP VKYFIIQDRC PHTEDTTIQV</p> <p>TENGESSQAR FSIQMFRFAG NSDLVYLHCE VYLCDTMSEQ CKPTCSGTRY RSGNFIDQTR</p> <p>VLNLGPITRQ GVQAS</p> |
| Specificity: | Rattus norvegicus (Rat) |

Product Details

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

Target: Uromodulin (UMOD)

Abstract: [UMOD Products](#)

Background: Recommended name: Uromodulin.
Alternative name(s): Tamm-Horsfall urinary glycoprotein.
Short name= THP Cleaved into the following chain: 1.
Uromodulin, secreted form

UniProt: [P27590](#)

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 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.

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

Handling

Storage: -20 °C

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