
Product Data Sheet

Product Name: CUZD1 Human
 Cat. No.: GP23279
 Batch No.: 1

Product Data

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|---------------------|--|--------------------|-----------------------|
| Purity | >98% | Source | HEK 293. |
| Physical Appearance | solid | Shipping Condition | Shipped at Room temp. |
| Synonyms | CUB and Zona Pellucida-Like Domains 1; CUB and ZP Domain-Containing Protein 1; Transmembrane Protein UO-44; Estrogen Regulated Gene 1; ERG-1; UO-44; CUZD1. | | |
| Amino Acid Sequence | EAEGNASCTV SLGGANMAET HKAMILQLNP SENCTWTIER PENKSIRIIF SYVQLDPDGS CESENIKVFD GTSSNGPLLQ QVCSKNDYVP VFESSSSTLT FQIVTDSARI QRTVFVFFYYF FSPNISIPNC GGYLDTLEGS FTSPNYPKPH PELAYCVWHI QVEKDYKIKL NFKEIFLEID KQCKFDLAI YDGPSTNSGL IGQVCGRVTP TFESSNSLT VVLSTDYANS YRGFSASYTS IYAENINTTS LTCSSDRMRV IISKSYLEAF NSNGNNLQLK DPTCRPKLSN VVEFSVPLNG CGTIRKVEDQ SITYTNIITF SASSTSEVIT RQKQLQIIVK CEMGHNSTVE IYITEDDDVI QSQNALGKYN TSMALFESNS FEKTIKLESPY YVDLNQTLFV QVSLHTSDPN LVVFLDTCRA SPTSDFASPT YDLIKSGCSR DETCKVYPLF GHYGRFQFNA FKFLRSMSSV YLQCKVLICD SSDHQSRCNQ GCVSRSKRDI SSKWKTDSDI IGPIRLKRDR SASGNSGFQH ETHAEETPNQ PFNS HHHHHH HHHH. | | |
| Solubility | It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. CUZD1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture. | | |
| Formulation | CUZD1 was filtered (0.4µm) and lyophilized in phosphate buffered saline and 5% (w/v) trehalose. | | |

Introduction

CUB and Zona Pellucida-Like Domains 1 (CUZD1) antiserum inhibits cell attachment and proliferation of ovarian cancer cells therefore may be involved in these processes. In

Caution: Product has not been fully validated for medical applications. For research use only.

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addition, CUZD1 may also have a role in the uterus during late pregnancy and/or in trypsin activation in pancreatic acinar cells.

Stability

Store lyophilized protein at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C .

Background

CUZD1 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Glu25-Ser568) containing a total of 554 amino acids, having a calculated molecular mass of 62.2kDa and fused to a 10 aa His tag at C-Terminus.

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