

## 32-13186: CUZD1 Human

**Alternative Name :** 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.

### Description

Source: HEK 293.

Filtered White lyophilized (freeze-dried) powder.

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

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.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

CUZD1 was filtered (0.4µm) and lyophilized in phosphate buffered saline and 5% (w/v) trehalose.

**Content :** 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.

**Storage condition :** 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.

**Amino Acid :** EAEGNASCTV SLGGANMAET HKAMILQLNP SENCTWTIER PENKSIRIIF SYVQLDPDGS CESENIKVFD GTSSNGPLLQ QVCSKNDYVP VFESSSTLT FQIVTDSARI QRTVFVFYFF FSPNISIPNC GGYLDTLEGS FTSPNYPKPH PELAYCVWHI QVEKDYKIKL NFKEIFLEID KQCKFDLAI YDGPSTNSGL IGQVCGRVTP TFESSNSLT VVLSTDYANS YRGFSASYTS IYAENINTTS LTCSSDRMRV IISKSYLEAF NSNGNNLQLK DPTCRPKLSN VVEFSVPLNG CGTIRKVEDQ SITYTNIITF SASSTSEVIT RQKQLQIIVK CEMGHNSTVE IYITEDDDVI QSQUALGKYN TSMALFESNS FEKILESPY YVDLNQTLFV QVSLHTSDPN LVVFLDTCRA SPTSDFASPT YDLIKSGCSR DETCKVYPLF GHYGRFQFNA FKFLRSMSSV YLQCKVLICD SSDHQSRCNQ GCVSRSKRDI SSKWKTDISI IGPIRLKRDR SASGNSGFQH ETHAEETPNQ PFNS HHHHHH HHHH.