

CUB and Zona Pellucida-like Domain-containing Protein 1 Human HEK293

Product Data Sheet

Type: Recombinant

Source: HEK293

Species: Human

Other names: CUB and ZP domain-containing protein 1, CUZD1, Transmembrane protein UO-44, UO-44, Estrogen Regulated Gene 1, ERG-1, CUB And Zona Pellucida-Like Domains 1

Cat. No.:

RD172487100

(0.1 mg)

Description

Total 554 AA. MW: 62.2 kDa (calculated). UniProtKB acc. No. Q86UP6 (Glu25-Ser568). C-terminal His-tag (10 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

EAEGNASCTV SLGGANMAET HKAMILQLNP SENCTWTIER PENKSIRIIF SYVQLDPDGS CESENIKVFD GTSSNGPLLG
QVCSKNDYVP VFESSSSTLT FQIVTDSARI QRTVFVFYF FSPNISIPNC GGYLDTLEGS FTSPNYPKPH PELAYCVWHI
QVEKDYKIKL NFKEIFLEID KQCKFDLAI YDGPSTNSGL IGQVCGRVTP TFESSNSLT VVLSTDYANS YRGFSASYTS
IYAENINTTS LTCSSDRMRV IISKSYLEAF NSNGNNLQLK DPTCRPKLSN VVEFSVPLNG CGTIRKVEDQ SITYTNIITF
SASSTSEVIT RQKQLQIIVK CEMGHNSTVE IYYITEDDVI QSQNALGKYN TSMALFESNS FEKTILESPY YVDLNQTLFV
QVSLHTSDPN LVVFLDTCRA SPTSDFASPT YDLIKSGCSR DETCKVYPLF GHYGRFQFNA FKFLRSMSV YLQCKVLICD
SSDHQSRCNQ GCVSRSKRDI SSKWKWTDSI IGPIRLKRDR SASGNSGFQH ETHAEETPNQ PFNS **HHHHHH HHHH**

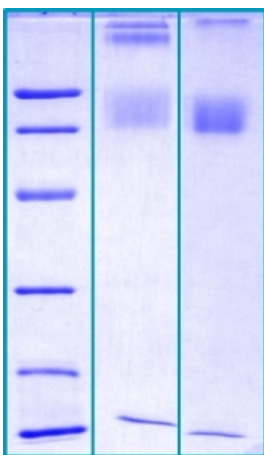
Source

HEK293

Purity

Purity as determined by densitometric image analysis: > 95%

SDS-PAGE gel



12 % SDS-PAGE separation of Human CUZD1 (HEK):

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. Reduced and boiled sample, 2.5 µg/lane
3. Non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/µg

Formulation

Filtered (0.4 µm) and lyophilized in phosphate buffered saline + 5% (w/v) trehalose.

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve

completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for three days.

Quality Control Test

BCA to determine quantity of the protein.

SDS-PAGE to determine purity of the protein.

LAL TEST to determine endotoxin level.

Applications

Cell culture and/or animal studies, ELISA, Western blotting

Note

This product is intended for research use only.

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