

CUB And Zona Pellucida-Like Domains 1 Human Recombinant

Item Number	rAP-4299
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.
Description	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.
Uniprot Accession Number	Q86UP6
Amino Acid Sequence	EAEGNASCTV SLGGANMAET HKAMILQLNP SENCTWTIER PENKSIRIIF SYVQLDPDGS CESENIKVFD GTSSNGPLLG QVCSKN DYVP VFESSSSTLT FQIVTDSARI QRTVFVFFYYF FSPNISIPNC GGYLDTLEGS FTSPNYPKPH PELAYCVWHI QVEKDYKIKL NFKEIFLEID KQCKFDLAI YDGPSTNSGL IGQVCGRVTP TFESSNSLT VVLSTDYANS YRGFSASYTS IYAENINTTS LTCSSDRMRV IISKSYLEAF NSNGNNLQK DPTCRPKLSN VVEFSVPLNG CGTIRKVEDQ SITYTNIITF SASSTSEVIT RQKQLQIIVK CEMGHNSTVE IYITEDDVI QSQNALGKYN TSMALFESNS FEKILESPY YVDLNQTLFV QVSLHTSDPN LVVFLDTCRA
Source	HEK 293.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	CUZD1 was filtered (0.4µm) and lyophilized in phosphate buffered saline and 5% (w/v) trehalose. Greater than 95.0% as determined by SDS-PAGE.
Application	
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
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**