

CUB And Zona Pellucida Like Domains Protein 1 (CUZD1) Recombinant Protein | CUZD1 recombinant protein

Recombinant CUB And Zona Pellucida Like Domains Protein 1 (CUZD1)

CATALOG # AAA134243	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

CUB And Zona Pellucida Like Domains Protein 1 (CUZD1); Recombinant CUB And Zona Pellucida Like Domains Protein 1 (CUZD1); CUZD1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLIERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLYMDPM CLDAFPKLVC FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-PSTNSGL IGQVCGRVTP TFESSNSLT VVLSTDYANS YRGFSASYTS IYAENINTTS LTCSSDRMRV IISKSYLEAF NSNGNNLQLK DPTCRPKLSN VVEFSVPLNG CGTIRKVEDQ SITYTNIITF SASSTSEVIT RQKQLQIIVK CEMGHNSTVE IYITEDDVI QSQNALGKYN TSMALFESNS FEKTILESPY YVDLNQTLFV QVSLHTSDPN LVVFLDTCRA SPTSDFASPT YDLIKSGCSR DETCKVYPLF GHYGR
Sequence Length	607
Applicable Applications for CUZD1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Pro218~Arg479 (Accession # Q86UP6) with two N-terminal Tags, His-tag and GST-tag
Subcellular Location	Cytoplasmic vesicle, secretory vesicle membrane; Single-pass type I membrane protein
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	5.8
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data



Sequence



SDS-PAGE



NCBI AND UNIPROT INFORMATION

NCBI GI #	30520377
NCBI GeneID	50624
NCBI Accession #	NP_071317.2
NCBI GenBank Nucleotide #	NM_022034.5
UniProt Accession #	Q86UP6; Q7Z660; Q7Z661; Q86SG1; Q86UP5; Q9HAR7; A8K080; B2RN93; D3DRE5
Molecular Weight	60.9kDa
NCBI Official Full Name	CUB and zona pellucida-like domain-containing protein 1
NCBI Official Synonym Full Names	CUB and zona pellucida-like domains 1
NCBI Official Symbol	CUZD1
NCBI Official Synonym Symbols	ERG-1; UO-44
NCBI Protein Information	CUB and zona pellucida-like domain-containing protein 1; estrogen regulated gene 1; transmembrane protein UO-44; CUB and ZP domain-containing protein 1
UniProt Protein Name	CUB and zona pellucida-like domain-containing protein 1
UniProt Gene Name	CUZD1
UniProt Synonym Gene Names	CUB and ZP domain-containing protein 1
UniProt Entry Name	CUZD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cuzd1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134243>