

Recombinant Rat Cuzd1 protein, His & GST-tagged

Cat. No. Cuzd1-1553R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cuzd1 aa. (Gly257~Val517 (Accession # Q9QZT0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly257~Val517
Description	Protein specifically expressed in uterus and ovary and regulated by estrogen; may function in pregnancy.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point

5.9

GENE INFORMATION

Gene Name

Cuzd1 CUB and zona pellucida-like domains 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cuzd1

Synonyms

Cuzd1; CUB and zona pellucida-like domains 1; Uo; ERG1; UO-44; Utczp; Itmap1; CUB and zona pellucida-like domain-containing protein 1; CUB and ZP domain-containing protein 1; estrogen-regulated gene 1; estrogen-regulated protein 1; integral membrane-associated protein 1; uterine-ovarian-specific gene 44; uterus/ovary-specific protein 44

Gene ID

117179

mRNA Refseq

NM_054005.1

Protein Refseq

NP_446457.1

UniProt ID

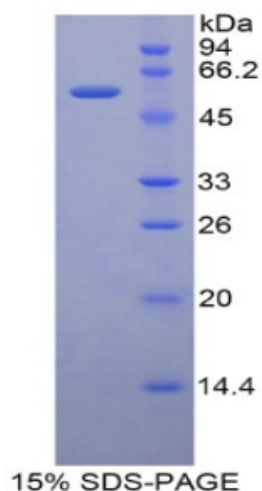
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SDS-PAGE



15% SDS-PAGE

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