Recombinant Rat Cdon Protein, His-tagged

Cat. No. Cdon-1272R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cdon Protein (Thr28-Thr305) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Thr28-Thr305
Description	Involved in cell adhesion. Acts upstream of or within smoothened signaling pathway. Located in cell surface. Human ortholog(s) of this gene implicated in holoprosencephaly 11. Orthologous to human CDON (cell adhesion associated, oncogene regulated).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.7 kDa Accurate Molecular Mass: 34 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for

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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Cdon cell adhesion associated, oncogene regulated [Rattus norvegicus (Norway rat)]
Official Symbol	Cdon
Synonyms	Cdon; cell adhesion associated, oncogene regulated; Cdo; cell adhesion molecule-related/down-regulated by oncogenes; Cdon homolog; immunoglobulin superfamily member
Gene ID	50938
mRNA Refseq	NM_017358
Protein Refseq	NP_059054
UniProt ID	O35158

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