Recombinant Mouse Cdh2 protein, His-tagged

Cat. No. Cdh2-7024M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdh2 aa. (Leu45~His238 (Accession # P15116)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu45~His238
Description	This gene encodes a member of the cadherin family of calcium-dependent glycoproteins that mediate cell adhesion. The encoded preproprotein undergoes proteolytic processing to generate a mature protein. Mice lacking the encoded protein exhibit severe developmental defects resulting in embryonic death.
Form	Freeze-dried powder
Molecular Mass	26kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.2.
Applications	SDS-PAGE; WB; ELISA; IP

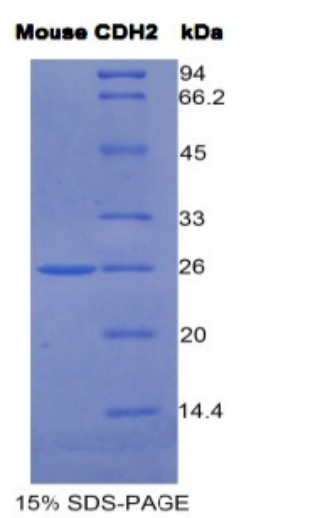
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less 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, pH 7.4, containing 5% sucrose.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Cdh2 cadherin 2 [Mus musculus (house mouse)]
Official Symbol	Cdh2
Synonyms	Cdh2; cadherin 2; CDHN; Ncad; N-CAD; cadherin-2; N-cadherin; neural cadherin
Gene ID	12558
mRNA Refseq	NM_007664.5
Protein Refseq	NP_031690.3
UniProt ID	P15116

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SDS-PAGE	 15% SDS-PAGE

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