

# Recombinant Full Length Mouse Cadherin-9(Cdh9) Protein, His-Tagged

**Cat. No.** RFL31238MF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Mouse Cadherin-9(Cdh9) Protein (P70407) (53-786aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Mus musculus

### Source

E.coli

### ProteinLength

Full Length of Mature Protein (53-786)

### Form

Lyophilized powder

### AA Sequence

GWMWNQFFLLEEYTGDTQYVVKLHTDQDKGDGNLKYILTGDGAGNLFVIDENTG  
 DIHAAKRLDREEKSLYLRAKAIDRKTGRQVEPESEFIIKIHDINDNEPKFTKDLYTASV  
 PEMSGVGTSVIQVTATDADDANYGNSAKVVYSILQQQPYFSVDPESGIIKTALPDMS  
 RENKEQYQVVIQAKDMGGQMGGLSGTTTTVNITLTDVNNNPPRFPQSTYQFNSLESA  
 PLGTHLGRIKANDPDMGENAELEYSIAEGEGSDMFDVITDKDTQEGIITVKQNLD FEK  
 KMLYTLRV DASNTHPDRFLHLGPFKDSAMVKISVEDVDEPPVFSKLSYLMEVDEDV  
 KEGSIIGQVTAYDPDAMNNIIKYSVDRHTDMDRVFSIHSSENGSIFTLKPLDRESSPWH  
 NITITATEINNPKQSSQIPVFIRILDINDHAPEFATYYETFVCENAKSGQLIQTISVMDKD  
 DPPRGHKFFFEPVPEFPLNPNFTIVDNKDN TAGIVTRKDGYSRNKMNTYLLPV LIFDN  
 DYPIQSSTGTLTIRVCACDNLGNMQSCNAEALMLAAGLSTGALIAILLCVVILLTLIVLF  
 AALKRQRKKEPLIISKDDVRDNIVTYNDEGGGEEDTQAFDIGTLRNPEAREDSKLRR  
 DVMPETIFQIRRTVPLWENIDVQDFIHRRLKENDSDPSAPPYDSLATYAYEGNDSVA

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NSLSSLESLTADCNQDYDYLSDWGPRFKKLAEMYGGNDS

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** Cdh9

**Synonyms** Cdh9; Cadherin-9; T1-cadherin

**UniProt ID** [P70407](https://www.uniprot.org/uniprot/P70407)

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