

Recombinant Human CDH15 protein, T7/His-tagged

Cat. No. CDH15-50H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CDH15 (61– 246aa, derived from BC008951) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	61-246 a.a.
Form	2.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFLPYPLVQIKSDKQQLGSVIYSIQGPG VDEEPRGVFSIDKFTGKVFL NAMLDREKTDRFRLRAFALDLGGSTLEDPTDLEIVVV DQNDNRPAFLQEAFTGRVLEGAVPGTYVTRAEATDADD PETDNAALRFSILQQGSP ELFSIDELTGEIRTVQVGLDREVVAVYNLTLQVADMSGDGLTATASAWAHNSRNLVA AALRVVAVAVVVAVAN
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro CDH15 N-termianl mediated myogenesis regulation study with this protein as either coating matrix protein or soluble factor.2. May be used as CDH15 N-terminal Cadherin domain protein-protein interaction assay.3. As antigen for specific antibody production.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION
Gene Name

CDH15 cadherin 15, type 1, M-cadherin (myotubule) [Homo sapiens]

Official Symbol

CDH15

Synonyms

CDH15; cadherin 15, type 1, M-cadherin (myotubule); cadherin 15, M cadherin (myotubule) , CDH3, CDH14; cadherin-15; cadherin-3; cadherin-14; muscle-cadherin; CDH3; CDHM; MCAD; MRD3; CDH14;

Gene ID

1013

mRNA Refseq

NM_004933

Protein Refseq

NP_004924

MIM

114019

UniProt ID

P55291

**Chromosome
Location**

16q24.3

Pathway

Adherens junctions interactions, organism-specific biosystem; CDO in myogenesis, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



Function

calcium ion binding;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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