

## Recombinant Human CDH15 protein, T7/His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	61-246 a.a.
<b>Form</b>	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.
<b>AA Sequence</b>	MASMTGGQQMGRGHHHHHHGNLYFQGGFLPYPLVQIKSDKQQLGSVIYSIQGPG VDEEPRGVFSIDKFTGKVFL NAMLDREKTDRFRLRAFALDLGGSTLEDPTDLEIVVV DQNDNRPAFLQEAFTGRVLEGAVPGTYVTRAEATDADD PETDNAALRFSILQQGSP ELFSIDELTGEIRTVQVGLDREVVAVYNLTLQVADMSGDGLTATASAWAHNSRNLVA AALRVVAVAVVVAVAN
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. May be used for in vitro CDH15 N-terminal 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.

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**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;

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**Function**

calcium ion binding;

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