

Recombinant Human CDH1 protein, His-tagged

Cat. No. CDH1-2444H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH1 protein(373-622 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	373-622 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	PIFNPTTYKGGQVPENEANVVITTLKVTADAPNTPAWEAVYITLNDGGQFVVTNP VNNDGILKTAKGLDFEAKQQYILHVAVTNVPFEVSLTTSTATVTVDVLDVNEAPIFVP PEKRVEVSEDFGVGQEITSYTAQEPDTFMEQKITYRIWRDTANWLEINPDTGAISTR AELDREDFEHVKNSTYALIIATDNGSPVATGTGTLILLSDVNDNAPIPEPRTIFFCER NPKPQVINIIDADLPPI
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION
Gene Name

CDH1 cadherin 1, type 1, E-cadherin (epithelial) [Homo sapiens]

Official Symbol

CDH1

Synonyms

CDH1; cadherin 1, type 1, E-cadherin (epithelial); UVO; cadherin-1; CD324; E Cadherin; uvomorulin; CAM 120/80; E-Cadherin; cell-CAM 120/80; epithelial cadherin; cadherin 1, E-cadherin (epithelial); calcium-dependent adhesion protein, epithelial; CDHE; ECAD; LCAM; Arc-1;

Gene ID

999

mRNA Refseq

NM_004360

Protein Refseq

NP_004351

MIM

192090

UniProt ID

P12830

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