

Recombinant Human CDH16 protein, His-tagged

Cat. No. CDH16-3424H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH16 protein(20-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-350 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	AQPAELSVEVPENYGGNFPLYLTKLPLPREGAEGQIVLSGDSGKATEGPFAMDPDS GFLLVTRALDREEQAEYQLQVTLEMQDGHVLWGPQPVLVHVKDENDQVPHFSQAI YRARLSRGTRPGIPFLFLEASDRDEPGTANSDLRFHILSQAPAQPSPDMFQLEPRLG ALALSPKGSTSLDHALERTYQLLVQVKDMGDQASGHQATATVEVSIESTWVSLEPI HLAENLKVLYPHHMAQVHWSSGGDVHYHLESHPPGPFVNAEGNLYVTRELDREAQ AEYLLQVRAQNSHGEDYAAPLELHVLMVDENDNVPICPPRDPTVSIPELSP
Purity	98%, 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

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cycles.

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**

CDH16 cadherin 16, KSP-cadherin [Homo sapiens]

Official Symbol

CDH16

Synonyms

CDH16; cadherin 16, KSP-cadherin; cadherin-16; KSP-cadherin; kidney-specific cadherin;

Gene ID

1014

mRNA Refseq

NM_001204744

Protein Refseq

NP_001191673

MIM

603118

UniProt ID

O75309

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