

Recombinant Human DCHS1 protein, His-tagged

Cat. No. DCHS1-3041H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCHS1 protein(1517 - 1718 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1517 - 1718 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	MPANASRRRAARVSARVFVTDENDNAPVFASPSRVRLPEDQPPGPAALHVVARDP DLGEAARVSYRLASGGDGHFRLHSSTGALSVMRPLDREQRAEHVLTVVASDHGSP PRSATQVLTVSVADVND EAPTFQQQEYSVLLRENNPPGTSLLTLRATDPDVGANGQ VTYGGVSSSEFSLDPDGTGVLTTLRALDREEQEEIN
Purity	85%, 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 DCHS1 dachsous 1 (Drosophila) [Homo sapiens]

Official Symbol DCHS1

Synonyms FIB1; CDH25; CDHR6; PCDH16

Gene ID 8642

mRNA Refseq NM_003737.2

Protein Refseq NP_003728.1

MIM 603057

UniProt ID Q96JQ0

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