

Recombinant Human DPCD protein, His-tagged

Cat. No. DPCD-477H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPCD protein(1-203 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-203 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.
AASequence	MAVTGWLESLRTAQKTALLQDGRRKVHYLFPDGKEMAEYDEKTSSELLVRKWRVK SALGAMGQWQLEVGDPAPLGAGNLGPELIKESNANPIFMRKDTKMSFQWRIRNLPY PKDVYSVSVDQKERCIIVRTTNKKYYKFSIPDLDRHQLPLDDALLSFAHANCTLIISY QKPKEVVVAESELQKELKKVKTAKSNDGDCKTQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [DPCD deleted in primary ciliary dyskinesia homolog \(mouse\) \[Homo sapiens \]](#)

Official Symbol [DPCD](#)

Synonyms [DPCD](#); [deleted in primary ciliary dyskinesia homolog \(mouse\)](#); [protein DPCD](#); [DKFZP566F084](#); [RP11 529I10.4](#); [deleted in a mouse model of primary ciliary dyskinesia](#); [RP11-529I10.4](#); [DKFZp566F084](#);

Gene ID [25911](#)

mRNA Refseq [NM_015448](#)

Protein Refseq [NP_056263](#)

UniProt ID [Q9BVM2](#)

SDS-PAGE

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