

Recombinant Human DPCD protein, GST-tagged

Cat. No. DPCD-2361H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPCD protein(1-203 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-203 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MAVTGWLESLRTAQKTALLQDGRRKVHYLFPDGKEMAEYDEKTSSELLVRKWRVK SALGAMGQWQLEVGDPAPLGAGNLGPELIKESNANPIFMRKDTKMSFQWRIRNLPY PKDVYSVSVDQKERCIVRTTNKKYYKKFSIPDLDRHQLPLDDALLSFAHANCTLIISY QKPKEVVVAESELQKELKKVKTAHSNDGDCKTQ
Purity	90%, 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 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

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SDS-PAGE



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