

Recombinant Human CFTR protein, His&Flag-tagged

Cat. No. CFTR-1187HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CFTR protein(NP_000483)(1-1480 aa), fused with His and Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-1480 aa
Form	Lyophilized from a 0.2 µm filtered solution in PBS, pH7.4 with 10% glycerin as protectant.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied; 1 month, 2 to 8 °C under sterile conditions after reconstitution; 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. It can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -

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20°C.

GENE INFORMATION

Gene Name	CFTR cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C, member 7) [Homo sapiens]
Official Symbol	CFTR
Synonyms	CFTR; cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C, member 7); ABCC7, CF, cystic fibrosis transmembrane conductance regulator, ATP binding cassette (sub family C, member 7); cystic fibrosis transmembrane conductance regulator; ABC35; ATP binding cassette sub family C; member 7; CFTR/MRP; dJ760C5.1; MRP7; TNR CFTR; cAMP-dependent chloride channel; channel conductance-controlling ATPase; ATP-binding cassette sub-family C member 7; ATP-binding cassette transporter sub-family C member 7; CF; ABCC7; TNR-CFTR;
Gene ID	1080
mRNA Refseq	NM_000492
Protein Refseq	NP_000483
MIM	602421
UniProt ID	P13569

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