

Product Data Sheet

Product:	PepMix Human (CFTR)
Label name:	Human (CFTR)
Product code:	PM-CFTR
Source:	Human Cystic fibrosis transmembrane conductance regulator
Protein ID:	P13569
Gene ID:	CFTR (ABCC7)
No. of peptides:	368 peptides - vial 1: Pep 1-184, vial 2: 185-368 (15mers with 11 aa overlap)
Amount:	25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10 ⁸ cells)
Length:	1480 aa
Sequence:	<pre> MQRSPLEKAS VVSKLFFSWT RPILRKGYRQ RLELSDIYQI PSVDSADNLS EKLEREWDR LASKKNPKLI NALRRCFWR FMFYGIFLYL GEVTKAVQPL LLGRIIASYD PDNKEERSIA IYLGIGLCLL FIVRTLHHP AIFGLHHIGM QMRIAMFSLI YKKTCLKSSR VLDKISIGQL VSLLSNNLNK FDEGLALAHF VWIAPLQVAL LMGLIWELLQ ASAFGLGFL IVLALFQAGL GRMMMKYRQ RAGKISERLV ITSEMIENIQ SVKAYCWEEA MEKMIENLRQ TELKLTRKAA YVRYFNSSAF FSGFFVFL SVLPYALIKG IILRKIFTTI SFCIVLRMAV TRQFPWAVQT WYDSLGAINK IQDFLQKQY KTLEYNLTTT EVVMENVTAF WEEGFGELFE KAKQNNNRK TSNGDDSLFF SNFSLLGTPV LKDINFKIER GQLLAVAGST GAGKTSLLMV IMGELEPSEG KIKHSGRISF CSQFSWIMPG TIKENIIFGV SYDEYRYSV IKACQLEEDI SKFAEKDNIV LGEGGITLSG GQRARISLAR AVYKDADLYL LDSPPGYLDV LTEKEIFESC VCKLMANKTR ILVTSKMEHL KKADKILILH EGSSYFYGTF SELQNLQPDF SSKLMGCDSE DQFSAERRNS ILTETLHRFS LEGDAPVSWT ETKKQSFQKT GEFGEKRKNS ILNPINSIRK FSIQKTPQL MNGIEEDSDE PLERRLSLVP DSEQGEAILP RISVISTGPT LQARRRQSVL NLMTHSVNQG QNIHRKKTAS TRKVSLAPQA NLTELDIYSR RLSQETGLEI SEEINEEDLK ECFDDMESI PAVTTWNTYL RYITVHKSLI FVLIWCLVIF LAEVAASLVV LWLLGNTPLQ DKGNSTHSRN NSYAVIITST SSYYVFYIYV GVADTLAMG FFRGLPLVHT LITVSKILHH KMLHSLVQAP MSTLNTLKAG GILNRFKDI AILDDLPLT IFDFIQLLLI VIGAIYVAV LQPYIFVATV PVIVAFIMLR AYFLQTSQQL KQLESEGRSP IFTHLVTSLK GLWTLRAFGR QPYFETLFHK ALNLHTANWF LYLSTLRWFQ MREIMFVIF FIAVTFISIL TTGEGEGRV IILTLAMNIM STLQWAVNSS IDVDSLMSV SRVFKFIDMP TEGKPTKSTK PYKNGQLSKV MIIENSHVKK DDIWPSSGQM TVKDLTAKYT EGGNAILENI SFSISPGQRV GLLGRTGSGK STLLSAFLRL LNTEGEIQID GVSWDSITLQ QWRKAFGVIP QKVFIFSGTF RKNLDPYEQW SDQEIWKVAD EVLGRSVIEQ FPGKLDFFLV DGGCVLSHGK QQLMCLARSV LSKAKILLD EPSAHLDPVT YQIIRRTLKQ AFADCTVILC EHRIEAMLEC QQFLVIEENK VRQYDSIQKL LNERSLFRQA ISPSDRVKLF PHRNSSCKCS KPQIAALKEE TEEEVQDTRL </pre>

Purity:	Development Grade: each peptide purified to > 70% (HPLC/MS)
Appearance:	white to off-white lyophilisate
Remark:	The peptides of this product are supplied as freeze-dried trifluoroacetate salts. For research use only.
Storage conditions:	Store at - 20°C.
Application protocol:	https://jpt.com/support-contact/resources/application-protocols/

Use recommended within 6 months