

Product Data Sheet

Product:	PepMix™ S. pyogenes (CAS9)_2 subpools
Product code:	PM-STRP1-CAS9
Source:	Streptococcus pyogenes serotype M1 CRISPR-associated endonuclease Cas9/Csn1
Protein ID:	Q99ZW2
Gene ID:	cas9
No. of peptides:	340 peptides - 170 + 170
Amount:	25 ug (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10 ⁸ cells)
Length:	1368 aa
Sequence:	MDKKYSIGLD IGTNSVGWAV ITDEYKVP SK KFKVLGNTDR HSIKKNLIGA LLFDSGETAE ATRLKRTARR RYTRRKNRIC YLQEIFSNEM AKVDDSEFFHR LEESFLVEED KKHERHPIFG NIVDEVAYHE KYPTIYHLRK KLV DSTDKAD LRLIYLALAH MIKFRGHFLI EGD LNP DNSD VDKLFIQLVQ TYNQLFEENP INASGVDAKA ILSARLSKSR RLENLIAQLP GEKKNGLFGN LIA LSLGLTP NFKSNFDLAE DAKLQLSKDT YDDDLNLLA QIGDQYADLF LAAKNLSDAI LLSDILRVNT EITKAPLSAS MIKRYDEHHQ DLTLKALVR QQLPEKYKEI FFDQSKNGYA GYIDGGASQE EFYKFIKPIL EKMDGTEELL VKLNREDLLR KQRTFDNGSI PHQIHLGELH AILRRQEDFY PFLKDNREKI EKILTFRIPY YVGPLARGNS RFAWMTRKSE ETITPWNFEE VVDKGASAQS FIERMTNFDK NLPNEKVLPK HSLLYEYFTV YNELTKVKYV TEGMRKPAFL SGEQKKAIVD LLFKTNRKVT VKQLKEDYFK KIECFDSVEI SGVEDRFNAS LGTYHDLKLI IKDKDFLDNE ENEDILEDIV LTLTLFEDRE MIEERLKTYA HLFDDKVMKQ LKRRRYTGWG RLSRKLINGI RDKQSGK TIL DFLKSDGFAN RNFMQLIHDD SLTFKEDIQK AQVSGQGDSL HEHIANLAGS PAIKKGILQT VKVDELVKV MGRHKPENIV IEMARENQTT QKGQKNSRER MKRIE EGIKE LGSQILKEHP VENTQLQNEK LYLYYLQNGR DMVVDQELDI NRLSDYDVDH IVPQSFLKDD SIDNKVLTRS DKNRGKSDNV PSEEVVKKMK NYWRQLLNK LITQRKFDNL TKAERGGLSE LDKAGFIKRQ LVETRQITKH VAQILD SRMN TKYDENDKLI REVKVITLKS KLVSDFRKDF QFYK VREINN YHHAHDAYLN AVVGTALIKK YPKLESEFVY GDYKVYDVRK MIAKSEQEIG KATAKYFFYS NIMNFFKTEI TLANG EIRKR PLIETNGETG EIVWDKGRDF ATVRKVL SMP QVNI VKKTEV QTGGFSKESI LPKRNSDKLI ARKKDWDPKK YGGFDSPTVA YSVLVAKVE KGKSKKLKSV KELLGITIME RSSFEKNPID FLEAKGYKEV KKD LI IKLPK YSLFELENGR KRMLASAGEL QKGNEALALPS KYVNFYLLAS HYEKLGKSP E DNEQKQLFVE QHKHYLDEII EQISEFSKRV ILADANLDKV LSAYNKHRDK PIREQAENII HLF TLTNLGA PAAFKYFDTT IDRKRYTSTK EVLDATLIHQ SITGLYETRI DLSQLGGD
Purity:	>70% (HPLC-MS)
Appearance:	white to off-white powder
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	