

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 (15mers with 11 aa overlap)
Amount: 25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10⁸ cells)
Length: 1368 aa

Sequence:

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MDKKYSIGLD IGTNSVGWAV ITDEYKVPSK KFKVLGNTDR HSIKKNLIGA LLFDSGETAE
ATRLKRTARR RYTRRKNRIC YLQEIFSNEM AKVDDSFHR LEESFLVEED KKHHERHPIFG
NIVDEVAYHE KYPTIYHLRK KLVDSTDKAD LRLIYLALAH MIKFRGHFLI EGDLPDNDSD
VDKLFIQLVQ TYNQLFEENP INASGVDAKA ILSARLSKSR RLENLIAQLP GEKKNGLFGN
LIALSLGLTP NFKSNFDLAE DAKLQLSKDT YDDDLNLLA QIGDQYADLF LAAKNLSDAI
LLSDILRVNT EITKAPLSAS MIKRYDEHHQ DLTLKALVR QQLPEKYKEI FFDQSKNGYA
GYIDGGASQE EFYKFIKPIE 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 MIEERLKYA HLFDDKVMKQ LKRRRYTGWG
RLSRKLINGI RDKQSGKTIL DFLKSDGFAN RNFMLIHDD SLTFKEDIQK AQVSGQDSDL
HEHIANLAGS PAIKKGILQT VKVDELVKV MGRHKPENIV IEMARENQTT QKGQKNSRER
MKRIEEGIKE LGSQILKEHP VENTQLQNEK LYLYYLQNGR DMYVDQELDI NRLSDYDVDH
IVPQSFLKDD SIDNKVLTRS DKNRGKSDNV PSEEVVKKMK NYWRQLLNAK LITQRKFDNL
TKAERGGGLSE LDKAGFIKRQ LVETRQITKH VAQILDSRMN TKYDENDKLI REVKVITLKS
KLVSDFRKDF QFYKREINN YHHAHDAYLN AVVGTALIKK YPKLESEFVY GDYKVYDVRK
MIAKSEQEIG KATAKYFFYS NIMNFFKTEI TLANGEIRKR PLIETNGETG EIVWDKGRDF
ATVRKVL SMP QVNIVKKTEV QTGGFSKESI LPKRNSDKLI ARKKDWDPPK YGGFDSPTVA
YSVLVAKVE KGKSKKLKSV KELLGITIME RSSFEKNPID FLEAKGYKEV KKDIIKLPK
YSLFELENGR KRMLASAGEL QKGNELALPS KYVNFYLLAS HYEKLGKSPE DNEQQLFVE
QHKHYLDEII EQISEFSKRV ILADANLDKV LSAYNKHRDK PIREQAENII HLFTLTNLGA
PAAFKYFDTT IDRKRYTSTK EVLDATLIHQ SITGLYETRI DLSQLGGD
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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