

Product Data Sheet

Product: PepMix S. pyogenes (CAS9)
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 IGTVNSVGWAV ITDEYKVPSP KFKVLGNTDR HSIKKNLIGA LLFDSGETAE
ATRLKRTARR RYTRRNKRIC YLQEIFSNEM AKVDDSFHHR LEESFLVEED KKHERHPIFG
NIVDEVAYHE KYPTIYHLRK KLVDSSTDKAD LRLIYLALAH MIKFRGHFLI EGDLPDNDSD
VDKLFIQLVQ TYNQLFEENP INASGVDAKA ILSARLSKSR RLENLIAQLP GEKKNGLFGN
LIALSLGLTP NFKSNFDLAE DAKLQLSKDT YDDDLNLLA QIGDQYADLF LAAKNLSDAI
LLSDILRVNT EITKAPLSAS MIKRYDEHHQ DLTLLKALVR QQLPEKYKEI FFDQSKNGYA
GYIDGGASQE EFYKFKIPIL EKMDGTEELL VKLNREDLLR KQRTFDNGSI PHQIHLGELH
AILRRQEDFY PFLKDNREKI EKILTFRIPY YVGPLARGNS RFAWMTRKSE ETITPWNFEE
VVDKGASASQ FIERMTNFDK NLPNEKVLPK HSLLYEYFTV YNELTKVKYV TEGMRKPAFL
SGEQKKAIVD LLFKTNRKVT VKQLKEDYFK KIECFDSVEI SGVEDRFNAS LGTYHDLLKI
IKDKDFLDNE ENEDILEDIV LTLTLFEDRE MIEERLKYA HLFDDKVMKQ LKRRRYTGWG
RLSRKLINGI RDKQSGKTIL DFLKSDGFAN RNFMLIHDD SLTFKEDIQK AQVSGQGDLSL
HEHIANLAGS PAIKKGILQT VKVVDLVKV MGRHKPENIV IEMARENQTT QKQKNSRER
MKRIEEGIKE LGSQILKEHP VENTQLQNEK LYLYYLQNGR DMYVDQELDI NRLSDYDVDH
IVPQSFLKDD SIDNKVLTRS DKNRGKSDNV PSEEVVKMK NYWRQLLNAK LITQRKFDNL
TKAERGLSE LDKAGFIKQ LVETRQITKH VAQIILDSRMN TKYDENDKLI REVKVITLKS
KLVSDFRKDF QFYKREINN YHHAHDAYLN AVVGTALIKK YPKLESEFVY GDYKVDVVRK
MIAKSEQEIG KATAKYFFYS NIMNFKTEI TLANGEIRKR PLIETNGETG EIVWDKGRDF
ATVRKVLSP QVNIVKKTEV QTGGFSKESI LPKRNSDKLI ARKKDWDPKK YGGFDSPTVA
YSVLVVAKVE KGKSKLKS SV KELLGITIME RSSFEKNPID FLEAKGYKEV KKDLIKLPK
YSLFELENGR KRMLASAGEL QKGNELALPS KYVNFLYLAS HYEKLGK SPE DNEQKQLFVE
QHKHYLDEII EQISEFSKRV ILADANLDKV LSAYNKHRDK PIREQAENII HLFLLTNLGA
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

