

## Product Data Sheet

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|------------------------------|---|
| <b>Product:</b>              | PepMix™ Human (CEA)   |
| <b>Product code:</b>         | PM-CEA  |
| <b>Source:</b>               | Homo sapiens (Human)<br>Carcinoembryonic antigen-related cell adhesion molecule 5   |
| <b>Protein ID:</b>           | P06731  |
| <b>Gene ID:</b>              | CEACAM5   |
| <b>No. of peptides:</b>      | 173 peptides  |
| <b>Amount:</b>               | 25 ug (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10 <sup>8</sup> cells)  |
| <b>Length:</b>               | 702 aa  |
| <b>Sequence:</b>             | MESPSAPPHR WCIPWQRLLL TASLLTFWNP PTTAKLTIES TPFNVAEGKE VLLLVHNLPO<br>HLFGYSWYKG ERVDGNRQII GYVIGTQQAT GGPAYSGREI IYPNASLLIQ NIIQNDTGFY<br>TLHVIKSDLV NEEATGQFRV YPELPKPSIS SNNSKPVEDK DAVAFTCEPE TQDATYLLWV<br>NNQSLPVSPR LQLSNGNRTL TLFNVTRNDT ASYKCETQNP VSARRSDSVI LNVLYGPDAP<br>TISPLNTSYR SGENLNLSCH AASNPPAQYS WFNVTGTFQOS TQELFIPNIT VNNSGSYTCQ<br>AHNSDTGLNR TTVTITIVYA EPPKPFITSN NSNPVEDEDA VALTCEPEIQ NTTYLWVWNN<br>QSLPVPRLQ LSNDRNRTL LSVTRNDVGP YECGIQNKLS VDHSDPVILN VLYGPDPTI<br>SPSYTYRPG VNLSSLCHAA SNPPAQYSWL IDGNIQQHTQ ELFISNITEK NSGLYTCQAN<br>NSASGHSRTT VKTITVSAEL PKPSSSNNS KPVEDKDAVA FTCEPEAQNT TYLWVWNGQS<br>LPVSPRLQLS NGNRTLTLFN VTRNDARAYV CGIQNSVSAN RSDPVTLDVL YGPDTPIIISP<br>PDSYLSGAN LNLSSCHASN PSPQYSWRIN GIPQQHTQVL FIAKITPNNN GTYACFVSNL<br>ATGRNNSIVK SITVSASGTS PGLSAGATVG IMIGVLVGVA LI |
| <b>Purity:</b>               | >70% (HPLC-MS)  |
| <b>Appearance:</b>           | white to off-white powder   |
| <b>Remark:</b>               | The peptides of this product are supplied as freeze-dried trifluoroacetate salts. For research use only.  |
| <b>Storage conditions:</b>   | Store at - 20°C   |
| <b>Application protocol:</b> | <a href="https://jpt.com/support-contact/resources/application-protocols/">https://jpt.com/support-contact/resources/application-protocols/</a>   |

**Use recommended within 6 months**