

# PE-01ATR80-P

## Fms (303-317) Peptide Powder

16-mer immunogen peptide based on CSF1R (Fms)



# KINEXUS

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### Target Protein

|                        |  |
|------------------------|--|
| <b>Name Long:</b>      | Macrophage colony-stimulating factor 1 receptor  |
| <b>Name Alias:</b>     | CD115; C-fms; Colony stimulating factor 1 receptor; CSF-1-R; CSFMR; FMS; Fms proto-oncogene; Kinase CSFR; Macrophage colony stimulating factor I receptor precursor; M-CSFR; FIM2; FIM2; CCDS4302.1; A2VDG3; Q6LEI2; ENSG00000182578 |
| <b>Species Origin:</b> | Human  |
| <b>UniProt ID:</b>     | P07333   |

### Peptide Structure

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <b>Peptide Name:</b>                | Fms (303-317)                        |
| <b>Peptide Origin:</b>              | Internal sequence in target protein. |
| <b>Peptide Sequence Location:</b>   | L303-E317                            |
| <b>Peptide Sequence:</b>            | CLSSEQNLIQEVTVGE                     |
| <b>Peptide N-Terminus:</b>          | Free amino                           |
| <b>Peptide C-Terminus:</b>          | Amide                                |
| <b>Peptide Modifications Other:</b> | None                                 |

### Production

|                                   |   |
|-----------------------------------|---|
| <b>Peptide Production Method:</b> | Solid-phase peptide synthesis   |
| <b>Calculated Peptide Mass:</b>   | 1747.9  |
| <b>Observed Peptide Mass:</b>     | 1748.8  |
| <b>% Peptide Purity:</b>          | 79  |
| <b>Peptide Appearance:</b>        | White powder  |
| <b>Peptide Form:</b>              | Solid   |
| <b>Peptide Solubility:</b>        | Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer |
| <b>Lot Number:</b>                | KMP01CAK-72   |
| <b>Amount:</b>                    | 1 mg  |
| <b>Storage Conditions:</b>        | Frozen at -20°C   |
| <b>Storage Stability:</b>         | Over 1 year at -20°C  |

### Applications

|                     |  |
|---------------------|--|
| <b>Product Use:</b> | Serves as a blocking peptide for use with the CSF1R -3 rabbit polyclonal antibody (Cat. No.: NK234-4) that is also available from Kinexus. |
|---------------------|--|

This product is for in vitro research use only and is not intended for use in humans or animals.

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