

# PE-01BEB85-P

## MOK (287-303) Peptide Powder

18-mer immunogen peptide based on MOK (RAGE)



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### Target Protein

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| <b>Name Long:</b>      | MAPK-MAK-MRK overlapping kinase; MOK protein kinase |
| <b>Name Alias:</b>     | RAGE; RAGE1                                         |
| <b>Species Origin:</b> | Human                                               |
| <b>UniProt ID:</b>     | Q9UQ07                                              |

### Peptide Structure

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| <b>Peptide Name:</b>                | MOK (287-303)                       |
| <b>Peptide Origin:</b>              | Right after kinase catalytic domain |
| <b>Peptide Sequence Location:</b>   | E287-G303                           |
| <b>Peptide Sequence:</b>            | EQRKTEKRALGSHRKAGC                  |
| <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>   | 2054.3                                                                                  |
| <b>Observed Peptide Mass:</b>     | 2054.7                                                                                  |
| <b>% Peptide Purity:</b>          | 87.6                                                                                    |
| <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>                | KMP01CAT-54                                                                             |
| <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 MOK-AKCD rabbit polyclonal antibody (Cat. No.: NK281-1) 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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