

# PE-01ASZ99-P

## DUSP1 (1-14) Peptide Powder

15-mer immunogen peptide based on DUSP1 (MKP1)



# KINEXUS

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### Target Protein

|                        |   |
|------------------------|---|
| <b>Name Long:</b>      | MAP kinase phosphatase 1 (CL100, VH1)                 |
| <b>Name Alias:</b>     | 3CH134; CL100; DUS1; DUSP1; ERP; HVH1; PTPN10; PTPN16 |
| <b>Species Origin:</b> | Human   |
| <b>UniProt ID:</b>     | P28562  |

### Peptide Structure

|                                     |                  |
|-------------------------------------|------------------|
| <b>Peptide Name:</b>                | DUSP1 (1-14)     |
| <b>Peptide Origin:</b>              | N-terminus       |
| <b>Peptide Sequence Location:</b>   | M1-R14           |
| <b>Peptide Sequence:</b>            | MVMEVGTL DAGGLRC |
| <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>   | 1550.8  |
| <b>Observed Peptide Mass:</b>     | 1543.5?   |
| <b>% Peptide Purity:</b>          | 100   |
| <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-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 DUSP1-1 (MKP-1) rabbit polyclonal antibody (Cat. No.: NP006-4) 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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