

# PE-01AXY85-P

## OBSCN (6715-6730) Peptide Powder

16-mer immunogen peptide based on Obscn



# KINEXUS

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### Target Protein

|                        |  |
|------------------------|--|
| <b>Name Long:</b>      | Obscurin-myosin light chain kinase                 |
| <b>Name Alias:</b>     | Obscurin; UNC89; ARHGEF30; Q96AA2; ENSG00000154358 |
| <b>Species Origin:</b> | Human  |
| <b>UniProt ID:</b>     | Q5VST9   |

### Peptide Structure

|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Peptide Name:</b>                | OBSCN (6715-6730)       |
| <b>Peptide Origin:</b>              | Kinase last alpha-chain |
| <b>Peptide Sequence Location:</b>   | C6715-A6730             |
| <b>Peptide Sequence:</b>            | CLSHPWFLKSMPEEA         |
| <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>   | 1845.2  |
| <b>Observed Peptide Mass:</b>     | 1846.8  |
| <b>% Peptide Purity:</b>          | 86  |
| <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-185  |
| <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 Obscn-2 rabbit polyclonal antibody (Cat. No.: NK247-2) that is also available from Kinexus. |
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This product is for in vitro research use only and is not intended for use in humans or animals.

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