

## Product datasheet

# Human Wnt11 peptide ab28716

### Overview

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**Product name** Human Wnt11 peptide

### Description

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**Nature** Synthetic

**Amino Acid Sequence**

**Species** Human

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab28716** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Form** Lyophilised

#### Additional notes

- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Information available upon request.

### General Info

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**Function** Ligand for members of the frizzled family of seven transmembrane receptors. Probable

developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters.

**Tissue specificity**

Expressed in fetal lung, kidney, adult heart, liver, skeletal muscle, and pancreas.

**Sequence similarities**

Belongs to the Wnt family.

**Post-translational modifications**

Palmitoylation at Ser-215 is required for efficient binding to frizzled receptors. Palmitoylation is necessary for proper trafficking to cell surface.

**Cellular localization**

Secreted, extracellular space, extracellular matrix.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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