

WNT2 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21468c**Specification**

WNT2 Blocking Peptide (Center) - Product InformationPrimary Accession [P09544](#)**WNT2 Blocking Peptide (Center) - Additional Information****Gene ID** 7472**Other Names**

Protein Wnt-2, Int-1-like protein 1, Int-1-related protein, IRP, WNT2, INT1L1, IRP

Target/Specificity

The synthetic peptide sequence is selected from aa 254-267 of HUMAN WNT2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

WNT2 Blocking Peptide (Center) - Protein Information**Name** WNT2**Synonyms** INT1L1, IRP**Function**

Ligand for members of the frizzled family of seven transmembrane receptors. Functions in the canonical Wnt signaling pathway that results in activation of transcription factors of the TCF/LEF family (PubMed:20018874). Functions as a upstream regulator of FGF10 expression. Plays an important role in embryonic lung development. May contribute to embryonic brain development by regulating the proliferation of dopaminergic precursors and neurons (By similarity).

Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted

Tissue Location

Expressed in brain in the thalamus, in fetal and adult lung and in placenta.

WNT2 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

WNT2 Blocking Peptide (Center) - Images

WNT2 Blocking Peptide (Center) - Background

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.

WNT2 Blocking Peptide (Center) - References

Wainwright B.J.,et al.EMBO J. 7:1743-1748(1988).
Farrall M.,et al.Submitted (APR-1988) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).