

Zebrafish wnt8a Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21770c

Specification

Zebrafish wnt8a Blocking Peptide (Center) - Product Information

Primary Accession [P51028](#)

Zebrafish wnt8a Blocking Peptide (Center) - Additional Information

Gene ID 30122

Other Names

Protein Wnt-8a, wnt8a, wnt-8, wnt8

Target/Specificity

The synthetic peptide sequence is selected from aa 155-170 of HUMAN wnt8a

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.

Zebrafish wnt8a Blocking Peptide (Center) - Protein Information

Name wnt8a

Synonyms wnt-8, wnt8

Function

Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Required for mesoderm and neural ectoderm patterning during gastrulation (PubMed: [11703928](http://www.uniprot.org/citations/11703928)). Involved in axis formation during embryonic development, via activation of canonical Wnt/CTNNB1 signaling (PubMed: [11703928](http://www.uniprot.org/citations/11703928), PubMed: [25371059](http://www.uniprot.org/citations/25371059)). May be involved in the specification of the spatial patterns of expression of Gsc and other regulatory genes leading to the establishment of the embryonic axis (PubMed: [7600994](http://www.uniprot.org/citations/7600994)).

Cellular Location

Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:Q9H1J5}. Secreted {ECO:0000250|UniProtKB:Q9H1J5}

Tissue Location

Expressed in the margin of the pregastrula embryo destined to be the future mesoderm.

Zebrafish wnt8a Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

Zebrafish wnt8a Blocking Peptide (Center) - Images**Zebrafish wnt8a Blocking Peptide (Center) - Background**

Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. Is likely to signal over only few cell diameters. May be involved in the specification of the spatial patterns of expression of Gsc and other regulatory genes leading to the establishment of the embryonic axis.

Zebrafish wnt8a Blocking Peptide (Center) - References

Kelly G.M., et al. Development 121:1787-1799(1995).
Lekven A.C., et al. Dev. Cell 1:103-114(2001).