abcam

Product datasheet

Human Wnt4 peptide ab23258

1 References

Overview

Product name	Human Wnt4 peptide

Description

Nature	Synthetic
Amino Acid Sequence	
Species	Human
Sequence	C-SNWLYLAKLSSVGS
Amino acids	23 to 36

Specifications

Our Abpromise guarantee covers the use of **ab23258** in the following tested applications.

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

Applications	Blocking
Form	Liquid

Preparation and Storage

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

General Info

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 (By similarity). Overexpression may be associated with abnormal proliferation in human breast tissue.
Involvement in disease	Defects in WNT4 are a cause of Rokitansky-Kuster-Hauser syndrome (RKH syndrome) [MIM:277000]; also called Mayer-Rokitansky-Kuster-Hauser syndrome (MRKH syndrome or MRKH anomaly). RKH syndrome is characterized by utero-vaginal atresia in otherwise phenotypically normal female with a normal 46,XX karyotype. Anomalies of the genital tract range

	from upper vaginal atresia to total Muellerian agenesis with urinary tract abnormalities. It has an incidence of approximately 1 in 5'000 newborn girls. Defects in WNT4 are the cause of female sex reversal with dysgenesis of kidneys, adrenals, and lungs (SERKAL) [MIM:611812]; also known as SERKAL syndrome. Defects in WNT4 are the cause of Muellerian aplasia (MULLAPL) [MIM:158330].
Sequence similarities	Belongs to the Wnt family.
Cellular localization	Secreted > extracellular space > extracellular matrix.

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