

WNT-5A (HUMAN)

**Essential in signaling pathways for animal development
and stem cell function**

WNT-5a, human



Silver stain of human WNT-5a on
SDS-PAGE

WNT-5a triggers the so-called noncanonical WNT signaling which suppresses the β -catenin pathway and activates the planar cell polarity pathway, respectively. Like the canonical pathway, the noncanonical WNT signaling is one of the most important signaling pathways in animal development and stem cell function. It has been shown that the noncanonical WNT pathway activated by WNT-5a is crucial in cardiac development and derivation of dopaminergic neurons from embryonic stem cells.

Phoenix Pharmaceuticals, Inc. is currently the primary commercial source of bioactive human WNT-5a which is extremely difficult to produce and purify by conventional methodologies. We have developed a novel and proprietary process to express and purify WNT-5a from a human cell expression system in Xeno-free medium. We are proud to offer this product to help advance this field.

Catalog No.	Name	Size
080-03A	WNT-5a, human	5 μ g
080-03B	WNT-5a, human	25 μ g
080-03C	WNT-5a, human	100 μ g



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