

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Human sFRP-1

Purified Factor	Product Number	HC70125B	20 ug
	Product Number	HC70125A	5.0 ug

DESCRIPTION:

Human secreted Frizzled Related Protein (sFRP-1) - also known as Secreted Apoptosis Related Protein-2 (SARP-2) - is a protein that binds directly to WNT proteins to affect WNT signaling functions. The sFRP-1 is able to bind directly to WNT1, and WNT2 and acts as a WNT antagonist. Other activities attributed to sFRP-1 are inhibition of apoptosis and down regulation in many solid tumors. This polypeptide is glycosylated with 283 aa with cysteine-rich homolous domain.

SOURCE: HeLa cells
Purity > 97% by HPLC analysis
Endotoxin < 0.1 ng per ug FRP-1
Sterile filtered, lyophilized, additive-free

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Observed ability to inhibit BMP-2 proliferation on ATDC-5 cells with half-maximal effect @ 0.4-0.5 ug/mL.

HANDLING AND STORAGE:

Purified FRP-1 factor is provided lyophilized. Store lyophilized, at -20 ° C. Upon reconstitution with distilled water to a concentration of approx. 100 ug/mL , further dilute in buffered solutions. Store small aliquots , with **addition of carrier protein, ie., 0.1% BSA,** at -20 ° C for long-term storage, at high concentration.

RESEARCH USE ONLY -NOT for DRUG USE

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