9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

WIF1 Human

WNT Inhibitory Factor 1 Human Recombinant
RCP2582

Product Overview

Name	WIF1 Human
Description	
WNT Inhibitory Factor 1 Human Recombinant	
Accession (Primary)	Q9Y5W5
Synonyms	
WIF1, WIF-1, Wnt inhibitory factor 1.	
Introduction	
WIF1 binds to wnt proteins and inhibits their activities. WIF1 plays a role in mesoderm segmentation. WNT proteins are extracellular signaling molecules that take part in the control of embryonic development & cancer. WIF1 protein contains a WNT inhibitory factor (WIF) domain and 5 epidermal growth factor (EGF)-like domains. WIF1 takes part in mesoderm segmentation. WIF1 protein is found to be present in fish, amphibia and mammals. WIF1 is a recurrent target in human salivary gland oncogenesis. Downregulation of WIF1 takes part in the development and progression of pleomorphic adenomas. WIF1 is a tumor suppressor, specifically in nonfunctioning pituitary tumors.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The WIF1 protein solution contains 1X PBS pH 7.4, 20% glycerol, 1mM DTT and 0.1mM PMSF.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADL GPPQEES LYLWIDAHQA RVLIGFEEDI LIVSEGKMAP FTHDFRKAQQ RMPAIPVNIH SMNFTWQAAG QAEYFYEFLS LRSLDKGIMA DPTVNVPLLG TVPHKASVVQ VGFPCLGKQD GVAAFEVDVI VMNSEGNTIL QTPQNAIFFK TCQQAECPGG CRNGGFCNER RICECPDGFH GPHCEKALCT PRCMNGGLCV TPGFCICPPG	

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FYGVNCDKAN CSTTCFNGGT CFYPGKCICP PGLEGEQCEI SKCPQPCRNG GKCIGKSKCK CSKGYQGDLC SKPVCEPGCG AHGTCHEPNK CQCQEGWHGR HCNKRYEASL IHALRPAGAQ LRQHTPSLKK AEERRDPPES NYIW HHHHHH

Precautions

WIF1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y5W5)