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WIF1 Mouse

WNT Inhibitory Factor 1 Mouse Recombinant
RCP2583

Product Overview

Name	WIF1 Mouse
Description	
WNT Inhibitory Factor 1 Mouse Recombinant	
Accession (Primary)	Q9WUA1
Synonyms	
Wnt inhibitory factor 1, WIF-1, Wif1.	
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, Insect cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
WIF1 protein solution (1mg/ml) contains 20mM MES (pH5.5), 1mM DTT, 1mM PMSF and 30% glycerol.	
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	
GQPPEESLYL WIDAHQARVL IGFEEDILIV SEGKMAPFTH DFRKAQQRMP AIPVNIHSMN FTWQAAGQAE YFYEFLSLRS LDKGIMADPT VNVPLLGTVP HKASVVQVGF PCLGKQDGVA AFEVNVIVMN SEGNTILRTP QNAIFFKTCQ QAECPGGCRN GGFCNERRVC ECPDGFYGPH CEKALCIPRC MNGGLCVTPG FCICPPGFYG	

VNCDKANCST TCFNGGTCFY PGKCICPPGL EGEQCELSKC PQPCRNGGKC IGKSKCKCPK GYQGDLCSKP VCEPGCGAHG TCHEPNKCQC REGWHGRHCN KRYGASLMHA PRPAGAGLER HTPSLKKAED RRDPPESNYI W VEHHHHHH .

Precautions

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

Target Information: (Q9WUA1)