

Product datasheet for **AR09178PU-S**

WIF1 (29-379, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	WIF1 (29-379, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	<u>ADLGPPQEES</u> LYLWIDAHQA RVLIGFEEDI LIVSEGKMAP FTHDFRKAQQ RMPAIPVNIH SMNFTWQAAG QAEYFYEFLS LRSLDKGIMA DPTVNVPLLG TVPHKASVVQ VGFPCLGKQD GVAAFEVDVI VMNSEGNTIL KTPQNAIFFK TCQQAECPPG CRNGGFCNER RICECPDGFH GPHCEKALCT PRCMNGGLCV TPGFCICPPG FYGVNCDKAN CSTTCFNGGT CFYPGKCICP PGLEGEQCEI SKCPQPCRNG GKCIGKSKCK CSKGYQGDLC SKPVCEPGCG AHGTCHEPNK CQCQEGWHGR HCNKRYEASL IHALRPAGAQ LRQHTPSLKK AEERRDPPES NYIWH <u>HHHHHH</u>
Tag:	His-tag
Predicted MW:	40.57 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: PBS (pH 7.4) containing 20% glycerol, 1 mM PMSF, 1 mM DTT
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human Wif-1 protein, fused to His-tag at C-terminus, was expressed in Hi-5 cell using baculovirus expression system and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_009122</u>
Locus ID:	11197
UniProt ID:	<u>Q9Y5W5</u>
Cytogenetics:	12q14.3



[View online »](#)

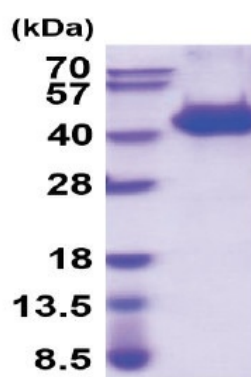
Synonyms: WIF-1

Summary: The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. This protein contains a WNT inhibitory factor (WIF) domain and five epidermal growth factor (EGF)-like domains, and is thought to be involved in mesoderm segmentation. This gene functions as a tumor suppressor gene, and has been found to be epigenetically silenced in various cancers. [provided by RefSeq, Jun 2010]

Protein Families: Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway

Protein Pathways: Wnt signaling pathway

Product images:



15% SDS-PAGE (3 μ g)