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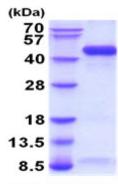
AR51972PU-N Mouse WIF1 (29-379, His-tag) - Purified

Alternate names:	UNQ191/PRO217, WIF-1, Wnt inhibitory factor 1
Quantity:	0.25 mg
Concentration:	1.0 mg/ml (determined by absorbance at 280nm)
Background:	WIF1, also known as wnt inhibitory factor 1, is a secreted protein that binds to Wnt proteins and inhibits their activities. This protein sigling plays a pivotal role in skeletal development and in the control of cartilage and bone turnover. Also, WIF1 is present in fish, amphibia and mammals, and is expressed during Xenopus and zebrafish development in a complex pattern that includes paraxial presomitic mesoderm, notochord, branchial arches and neural crest derivatives. Recombint mouse WIF1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventiol chromatography techniques.
Uniprot ID:	<u>Q9WUA1</u>
NCBI:	<u>NP_036045</u>
GenelD:	<u>24117</u>
Species:	Mouse
Source:	Insect cells
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM MES (pH5.5) containing 1mM DTT, 1mM PMSF, 30% glycerol. Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)
Description:	AA 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 WVEHHHHHH Molecular weight: 39.4 kDa (359aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Park JH., et al. (2014) Dev. Biol. 386(1):227-236. Stock M., et al. (2013) Arthritis Rheum. 65(9):2310-2322.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



Pictures:



15% SDS-PAGE (3ug)

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