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Wnt inhibitory factor 1, 29-379aa, Mouse, His tag, Insect cell

产品货号: TP04501

第三版

别名: Wif-1, WIF-1, AW107799

描述: WIF1, also known as wnt inhibitory factor 1, is a secreted protein that binds to Wnt proteins and inhibits their activities. This protein signaling 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. Recombinant mouse WIF1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM MES (pH5.5) containing 1mM DTT, 1mM PMSF, 30% glycerol.

分子量: 39.4kDa (359aa) 40-57kDa (SDS-PAGE under reducing conditions.)

序列:

GQPPEESLYLWIDAHQARVLI GFEE DILIVSE GKMAPFT HD FRKAQQ RMPAIPVNIHSMNFTWQAAGQAEYFYEFSLRSL
DKGIMADPTVNVPLLGTVP HKASVVQVGF PCLGKQDGVAAFEVNVIVMNSEGNTILRTPQNAIFFKTCQQAECPPGGCR
NGGFCNERRVCECPDGFYGP HCEKALCIPRCMNGGLCVTPGFICPPGFYGVNCDKANCSTTCFNGGTCFYPGKCICPP
GLEGEQCELSKCPQPCRNGGK CIGKSKCKCPKGYQGDLCSKPVCEPGCGAHGTCHEPNKCQCREGWHGRHCNKRYG
ASLMHAPRPAGAGLERHTPSL KKAEDRRDPPE SNYIWVEHHHHHH

纯度: > 95% by HPLC

浓度: 1.0mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.