

**Recombinant Human Wnt Inhibitory Factor 1/WIF-1 Protein(C-6His)**

**Cat.NO.: TP04580**

3th Edition

**Synonyms:**Wnt Inhibitory Factor 1; WIF-1; WIF1

**Description:**Wnt Inhibitory Factor 1 (WIF1) is a secreted protein, which binds WNT proteins and inhibits their activities. WNT proteins are extracellular signaling molecules involved in the control of embryonic development. WIF1 contains a WNT inhibitory factor (WIF) domain and 5 epidermal growth factor (EGF)-like domains. is found to be present in fish, amphibia and mammals. WIF1 is a recurrent target in human salivary gland oncogenesis.WIF1 may be involved in mesoderm segmentation. WIF1 is a tumor suppressor, specifically in nonfunctioning pituitary tumors.

**Form:**PBS

**Molecular Weight:**39.5 kDa

**Sequences:**Gly29-Trp379

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.