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Datasheet for ABIN7319182 WIF1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	WIF1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WIF1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Wnt Inhibitory Factor 1/WIF1 Protein (His Tag)
Sequence:	Gly29-Trp379
Characteristics:	Recombinant Human Wnt Inhibitory Factor 1 is produced by our Mammalian expression system and the target gene encoding Gly29-Trp379 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	WIF1
Alternative Name:	Wnt Inhibitory Factor 1/WIF1 (WIF1 Products)
Background:	Background: 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

Target Details

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.

Synonym: Wnt Inhibitory Factor 1, WIF-1, WIF1

Molecular Weight: 39.5 kDa

UniProt: [Q9Y5W5](#)

Pathways: [WNT Signaling](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 10 mM HAc-NaAc, 150 mM NaCl, 0.5 % CHAPS, pH 4.0.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.