Recombinant Human Wnt Inhibitory Factor 1/WIF1 Protein (His Tag)

Catalog Number: PKSH033225

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

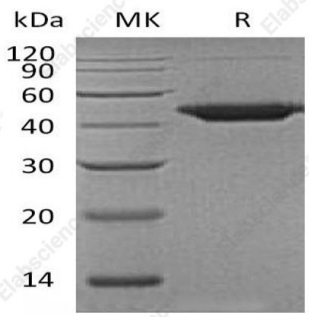
Description

Species	Human
Source	HEK293 Cells-derived Human WIF1 protein Gly29-Trp379, with an C-terminal His
Calculated MW	39.5 kDa
Observed MW	45 kDa
Accession	AAH18037.1
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Glycine-HCl,10%Sucrose, 5%Mannitol,0.05% Tween80,pH3.5.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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 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.

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