

Datasheet for ABIN7320086

WIF1 Protein (His tag)**1** Image[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | WIF1 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This WIF1 protein is labelled with His tag. |

Product Details

| | |
|------------------|--|
| Purpose: | Recombinant Mouse Wnt Inhibitory Factor 1/WIF1 Protein (His Tag) |
| Sequence: | Met1-Trp379 |
| Characteristics: | A DNA sequence encoding the mouse WIF1 (Q9WUA1) (Met1-Trp379) was expressed with a C-terminal polyhistidine tag. |
| Purity: | > 93 % as determined by SDS-PAGE |
| Endotoxin Level: | < 1.0 EU per µg of the protein as determined by the LAL method. |

Target Details

| | |
|-------------------|--|
| Target: | WIF1 |
| Alternative Name: | Wnt Inhibitory Factor 1/WIF1 (WIF1 Products) |
| Background: | Background: WIF1, also known as WIF-1 and wnt inhibitory factor 1, is a secreted protein which binds WNT proteins and inhibits their activities. It contains a WNT inhibitory factor (WIF) domain and 5 epidermal growth factor (EGF)-like domains. WNT proteins are extracellular |

Target Details

signaling molecules involved in the control of embryonic development. WIF1 may be involved in mesoderm segmentation and can be detected in fish, amphibia and mammals. WIF-1 is a recurrent target in human salivary gland oncogenesis. Downregulation of WIF1 takes part in the development and progression of pleomorphic adenomas. WIF1 also is a tumor suppressor, and has been found to be epigenetically silenced in various cancers, specifically in nonfunctioning pituitary tumors. WIF1 are expected to have molecular function (protein tyrosine kinase activity) and to localize in various compartments (extracellular space, extracellular region).

Synonym: AW107799,WIF-1

Molecular Weight: 39.8 kDa

UniProt: [Q9WUA1](#)

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

Application Details

Restrictions: For Research Use only

Handling

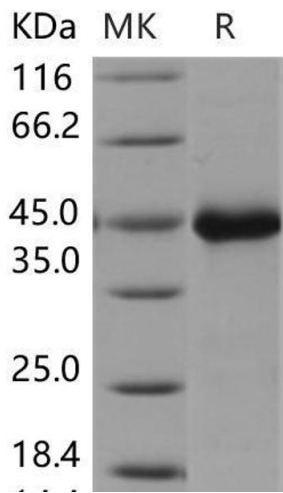
Format: Lyophilized

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

Buffer: Lyophilized from sterile PBS, pH 7.4

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.



Western Blotting

Image 1.