

For Research Use Only

Recombinant Human WWTR1/TAZ protein (rFc Tag)



Catalog Number: Eg6470

Basic Information

Species:
Human

Purity:
>80 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>80 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Human WWTR1 protein Met1-Leu400 (Accession# Q9GZV5) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
25937

Accession:
Q9GZV5

Predicted Molecular Mass:
69.7 kDa

SDS-PAGE:
27-38 kDa and 90-120 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

TAZ, also referred as WWTR1, is a transcriptional co-activator with a PDZ-binding motif that is regulated by its interaction with 14-3-3 protein. TAZ is expressed in many primary tumors, such as breast cancer, thyroid carcinoma, colorectal cancer, and glioma. TAZ has been reported to be one of the nuclear effectors of Hippo-related pathways that regulate organ size control, cancer stem cell (CSC) properties, and epithelial-mesenchymal transition (EMT). TAZ has been defined for its role in the nucleus, where it functions directly as a transcriptional regulator by interacting with several nuclear factors as Runx2/Cbfa1, NHERF-2, TEF-1, TBX5, PAX3, PAX8 and TTF-1.

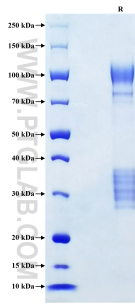
References

1. Liu, Chenying et al. Int J Biochem Mol Biol. vol. 2,3 (2011): 247-56.
2. Li, Weijie et al. Oncotarget vol. 7,50 (2016): 82686-82699.

Synonyms

TAZ, WWTR1, Transcriptional coactivator with PDZ-binding motif, WW domain-containing transcription regulator protein 1

Selected Validation Data



Purity of Recombinant Human WWTR1 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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