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Wnt-3a

Catalog # PVGS1697

Specification

Wnt-3a - Product Information

Species
Human

Purity
> 95% as determined by Bis-Tris PAGE

Endotoxin Level
Less than 1 EU per μg by the LAL method.

Biological Activity
Wnt-3a hFc Chimera, Human (Cat.No.: Z03815) can induce Topflash reporter activity in HEK293T human embryonic kidney cells.

Expression System
HEK293

Theoretical Molecular Weight
58.50 kDa.

Formulation **Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4.**

Reconstitution
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Storage & Stability
Upon receiving, the lyophilized product remains stable up to 6 months at -20 °C or below as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Wnt-3a - Additional Information

Target Background
Wnt-3a activates the canonical Wnt signaling pathway and is expressed in the dorsal midline region, playing a crucial role in spinal cord development. Additionally, it regulates autophagy, apoptosis, neuron regeneration, neurogenic inflammation, and axon regeneration. Wnt-3a promotes the beta-catenin/Tcf pathway, which can induce tumors and lead to cancer in specific cell populations. Moreover, it is widely used in cytokine for organoid construction.

Wnt-3a - Protein Information

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Wnt-3a - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Wnt-3a - Images