

Wnt-3a

Catalog # PVGS1697

Product Information

Species	Human
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1 EU per μ g 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 μ m filtered solution in PBS, pH 7.4.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/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.

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.
--------------------------	--

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.