

Wnt Surrogate/Wnt3a Protein, Recombinant

General Information

Synonyms:	Wnt 3a;wnt3a;Wnt-3a
Species:	Human (Special)
Expression Host:	HEK293 Cells
Molecular Weight:	67.52 kDa (Predicted)

QC Testing

Biological Activity:	Measured by its ability to induce alkaline phosphatase production by C3H10T1/2 mouse embryonic fibroblast cells. The ED50 for this effect is typically 0.2-2 ng/mL.
Purity:	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Endotoxin:	< 0.01 EU/μg of the protein.
Formulation:	Lyophilized from sterile 0.22 μm filtered solution in PBS buffer with Trehalose, Glycerol, and Tween80, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Preparation and Storage

Reconstitution:

Reconstituted with sterile deionized water to 0.25 mg/mL. Reconstitution conditions may vary depending on the lot.

Stability & Storage:

It is recommended to store the product under sterile conditions at -20°C to -80°C. Samples are stable for up to 12 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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