

Recombinant Human Wnt-3a Surrogate Protein

Catalog No.: RP01618

Sequence Information

Species Gene ID

Human

Swiss Prot Tags

C-hFc

Synonyms

MGC119418; MGC119419;
MGC119420; protein Wnt-3a;
wingless-type MMTV integration
site family, member 3A; Wnt3a;
Wnt-3a

Product Information

Source Purification

HEK293 cells ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW Observed MW

57.12 kDa 65-70 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled
water. Avoid vortex or vigorously
pipetting the protein. For long
term storage, it is recommended
to add a carrier protein or stabilizer
(e.g. 0.1% BSA, 5% HSA, 10% FBS
or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Human Wnt-3a Protein is produced by HEK293 cells expression system. The target protein is fused with a hFc tag at the C-terminus.

Activity

Measured by its ability to induce alkaline phosphatase production by C3H10T1/2 mouse embryonic fibroblast cells. The ED₅₀ for this effect is typically 3.95-15.79 ng/mL, corresponding to a specific activity of 6.33×10⁴~2.53×10⁵ units/mg.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

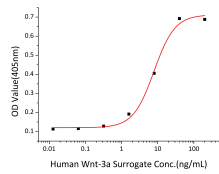
Contact

☎ | 400-999-6126

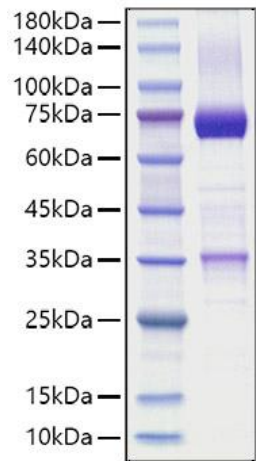
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Validation Data



Recombinant Human Wnt-3a Surrogate Protein induce alkaline phosphatase production by C3H10T1/2 mouse embryonic fibroblast cells. The ED₅₀ for this effect is typically 3.95-15.79 ng/mL, corresponding to a specific activity of $6.33 \times 10^4 \sim 2.53 \times 10^5$ units/mg.



Recombinant Human Wnt-3a Surrogate Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.