

Active GMP Recombinant Human WNT3A Protein

Cat. No. WNT3A-131HG Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT3A, Ser19-Lys352, was produced in CHO cell under cGMP guidelines.
Species	Human
Source	CHO
ProteinLength	19-352 a.a.
Form	Lyophilized from a 0.2 µm filtered solution in PBS, EDTA and CHAPS.
Bio-activity	Measured by its ability to induce alkaline phosphatase production by MC3T3-E1 mouse preosteoblast cells.
Molecular Mass	Predicted Molecular Mass: 37.4 kDa SDS-PAGE: 40 kDa reducing conditions
N-terminal Sequence Analysis	Ser19-Tyr-Pro-Ile-Trp-Trp-Ser-Leu-Ala-Val
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>75%, by SDS-PAGE with silver staining, under reducing conditions.
Storage	Avoid repeated freeze-thaw cycles.

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12 months, -20 to -70 centigrade as supplied.
 1 month, 2 to 8 centigrade under sterile conditions after reconstitution.
 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 200 µg/mL in PBS.

Quality Statement Our GMP proteins are produced according to relevant sections of the following documents: WHO TRS, No. 822, 1992 Annex 1, Good Manufacturing Practices for Biological Products; USP Chapter 1043, Ancillary Materials for Cell, Gene and Tissue-Engineered Products and USP Chapter 92, Growth Factors and Cytokines Used in Cell Therapy Manufacturing.

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

GENE INFORMATION

Gene Name WNT3A wingless-type MMTV integration site family, member 3A [Homo sapiens]

Official Symbol WNT3A

Synonyms WNT3A; wingless-type MMTV integration site family, member 3A; protein Wnt-3a; MGC119418; MGC119419; MGC119420;

Gene ID 89780

mRNA Refseq NM_033131

Protein Refseq NP_149122

MIM 606359

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