



Recombinant Human Wnt3a

Catalog # EPT057

Expression Host Human Cells

DESCRIPTION Recombinant Human Protein Wnt-3a is produced by our Mammalian expression system and the target gene encoding Ser19-Lys352 is expressed with a fusion design at the N-terminus.

Accession P56704

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

Mol Mass 105.9 KDa

AP Mol Mass 100-120 KDa, reducing conditions

Purity Greater than 90% as determined by reducing SDS-PAGE.

Endotoxin Less than 0.001 ng/μg (0.01 EU/μg) as determined by LAL test.

FORMULATION Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.





RECONSTITUTION

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100 μ g/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SHIPPING

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

BACKGROUND

Wnt-3a is one of 19 vertebrate members of the Wingless-type MMTV integration site (Wnt) family of highly conserved cysteine-rich secreted glycoproteins important for normal developmental processes. Required for normal embryonic mesoderm development and formation of caudal somites.

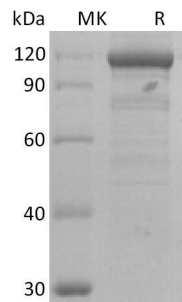




ELK Biotechnology

Required for normal morphogenesis of the developing neural tube (By similarity). Mediates self-renewal of the stem cells at the bottom on intestinal crypts (in vitro).

SDS-PAGE



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