Active Recombinant Human WNT3A Protein, Animal Free

Cat. No. WNT3A-55H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT3A Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	Protein Wnt-3a is a protein that is encoded by the WNT3A gene. The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis, adipogenesis, etc. and in several other developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. Human Wnt3a shows 96% amino acid identity to mouse Wnt3a protein. This protein was purified using a combination of ion exchange, affinity column with Wnt signaling inhibitor-bound Sepharose beads, and followed by gel filtration.
Bio-activity	Wnt3a activity has been measured using TCF-based Wnt reporter stable cell line10 ng/mL of Wnt3a generate 50-fold increase of luciferase activity compared to control (buffer without Wnt3a).
Molecular Mass	38-41 kDa
Endotoxin	<0.5 EU/ μg
Purity	High Purity, >70% by SDS-PAGE

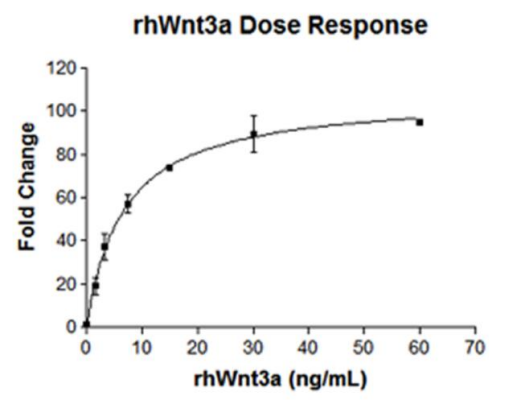
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS.
Reconstitution	Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS with 1% Chaps containing 0.1% endotoxin-free recombinant human serum albumin.

GENE INFORMATION

Gene Name	WNT3A wingless-type MMTV integration site family, member 3A [Homo sapiens (human)]
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
UniProt ID	P56704

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Activity Assay	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA