

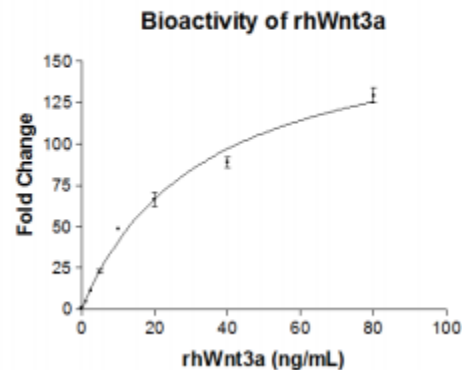


Catalog Number:	PR31000	Product Type:	Recombinant Protein
Source:	HEK293 cell line-derived		
Synonyms:	Protein Wnt-3a, wingless-type MMTV integration site family, member 3A, WNT#A		
Molecular Mass:	Predicted at 37 kDa. Actual 41 kDa evaluated by SDS-PAGE under reducing conditions		
Activity:	Wnt3a activity has been measured using TCF-based Wnt reporter stable cell line. 10 ng/mL of Wnt3a generate 50-fold increase of luciferase activity compared to control (buffer without Wnt3a).		
Purity:	75% as determined by SDS-PAGE under reducing conditions		
Format:	Phosphate buffer, pH 7.2-7.4, 1% CHAPS, 0.1% BSA Concentration: 16 µg/mL		
Storage:	Store at 4°C or -20 °C for up to 6 months. Avoid multiple freeze-thaw cycles.		
	The protein can be diluted using Wnt Dilution Buffer (Phosphate pH7.2-7.4, 1% CHAPS, 0.1% BSA).		

Description:

Protein Wnt-3a is a protein that is encoded by the WNT3A gene. The family of WNT genes consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis, adipogenesis and in several other developmental processes, including regulation of cell fate and patterning during embryogenesis. The Human Wnt3a protein shows 96% amino acid similarity to mouse Wnt3a protein.

This protein was purified using combination of ion exchange, affinity column with Wnt signaling inhibitor-bound sepharouse beads, and followed by gel filtration.



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