

Recombinant Murine Wnt3a Protein, His/S-tagged

Cat. No. Wnt3a-09M Lot. No. (See product label)

SPECIFICATION

Species Mouse

Source E.coli

Description

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region. [provided by RefSeq, Jul 2008]

Form Lyophilized from sterile PBS, pH 7.4

Purity >95% by SDS-PAGE

Storage Store at -70 centigrade or below. Avoid freeze/thaw.

GENE INFORMATION

Gene Name [Wnt3a wingless-related MMTV integration site 3A \[Mus musculus \]](#)

Official Symbol [Wnt3a](#)

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Synonyms	WNT3A; wiggless-related MMTV integration site 3A; protein Wnt-3a; vestigial tail; vt; Wnt-3a;
Gene ID	22416
mRNA Refseq	NM_009522
Protein Refseq	NP_033548
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; ESC Pluripotency Pathways, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;
Function	frizzled binding; frizzled-2 binding; protein binding; protein domain specific binding; receptor agonist activity; receptor binding; transcription coactivator activity;

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