

Recombinant Human WNT3A Protein, His/S-tagged

Cat. No. WNT3A-10H Lot. No. (See product label)

SPECIFICATION

Species Human

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-type MMTV integration site family, member 3A [Homo sapiens]

Official Symbol WNT3A

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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
Chromosome Location	1q42
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Canonical Wnt signaling pathway, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem;
Function	extracellular matrix structural constituent; frizzled-2 binding; protein binding; protein domain specific binding; receptor agonist activity; transcription coactivator activity;

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