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WNT3A Human

Wingless-Type MMTV Integration Site Family, Member 3A Human Recombinant
CYK0626

Product Overview

Name	WNT3A Human

Description

Wingless-Type MMTV Integration Site Family, Member 3A Human Recombinant

Accession (Primary)	P56704

Synonyms

Protein Wnt-3a, MGC119418, MGC119419, MGC119420, WNT3A, wingless-type MMTV integration site family member 3A.

Introduction

The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins are implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT3A is a member of the WNT gene family. WNT3A is a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. The WNT3A gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The WNT3A Human protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MSYPIWWSLA VGPQYSSLGS QPILCASIPG LVPKQLRFCR NYVEIMPSVA EGIKIGIQEC QHQFRGRRWN CTTVHDSLAI FGPVLDKATR ESAFVHAIAS AGVAFAVTRS CAEGTAAICG CSSRHQGSPG KGWKWGGCSE DIEFGGMVSR EFADARENRP DARSAMNRHN NEAGRQAIAS HMHLKCKCHG LSGSCEVKTC WWSQPDFRAI

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GDFLKDKYDS ASEMVVEKHR ESRGWVETLR PRYTYFKVPT ERDLVYYEAS PNFCEPNPET GSFGTRDRTC NVSSHGIDGC DLLCCGRGHN ARAERRREKC RCVFHWCCYV SCQECTRVYD VHTCK.

Precautions

WNT3A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P56704)