

Recombinant Human Wnt family member 9A Protein, His tagged

Cat. No. WNT9A-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Human Wnt family member 9A protein (48-92 aa & 231-304 aa) with His tag was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

48-92 aa & 231-304 aa

Description

The WNT gene family consists of structurally related genes that 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 is expressed in gastric cancer cell lines. The protein encoded by this gene shows 75 % amino acid identity to chicken Wnt14, which has been shown to play a central role in initiating synovial joint formation in the chick limb. This gene is clustered with another family member, WNT3A, in the chromosome 1q42 region.

Molecular Mass

13 kDa

AA Sequence

MPEAAAQAHYKACDRLKLERKQRRMCRRDPGVAETLVEAVSMSALERQLAPFHEV
GKHLKHKYETALKVGGSTTNEAAGEAGAISSPPRGRASGAGGSDPLPRTPELVHLDDSD
PSFCLAGRFHHHHHHHHH

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Endotoxin	< 2 EU/μg by LAL.
Purity	> 65 % by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4
Concentration	0.4 mg/mL

GENE INFORMATION

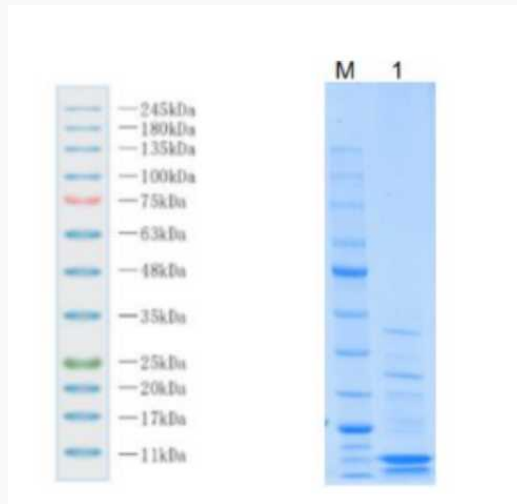
Gene Name	WNT9A Wnt family member 9A [Homo sapiens (human)]
Official Symbol	WNT9A
Synonyms	WNT9A; Wnt family member 9A; WNT14; protein Wnt-9a; wingless-type MMTV integration site family, member 14; wingless-type MMTV integration site family, member 9A
Gene ID	7483
mRNA Refseq	NM_003395.2
Protein Refseq	NP_003386.1
MIM	602863
UniProt ID	O14904

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**Reducing 4 %-20 %
SDS-PAGE (CBB
stained) analysis
profile of purified
WNT9A.**



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