Recombinant Human WNT9A Protein, GST-tagged

Cat. No. WNT9A-266H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human WNT9A full-length ORF (NP_003386, 1 a.a. - 365 a.a.) recombinant protein with GST-tag at N-terminal.
Species	monkey
Source	Wheat Germ
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	65.78 kDa
AA Sequence	MLDGSPLARWLAAAFGLTLLLAALRPSAAYFGLTGSEPLTILPLTLEPEAAAQAHYKA CDRLKLERKQRRMCRRDPGVAETLVEAVSMSALECQFQFRFERWNCTLEGRYRAS LLKRGFKETAFLYAISSAGLTHALAKACSAGRMERCTCDEAPDLENREAWQWGGC GDNLKYSSKFVKEFLGRRSSKDLRARVDFHNNLVGVKVIKAGVETTCKCHGVSGSC TVRTCWRQLAPFHEVGKHLKHKYETALKVGSTTNEAAGEAGAISPPRGRASGAGG

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	SDPLPRTPELVHLDDSPSFCLAGRFSPGTAGRRCHREKNCESICCGRGHNTQSRVV TRPCQCQVRWCCYVECRQCTQREEVYTCKG
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	WNT9A Wnt family member 9A [Homo sapiens (human)]
Official Symbol	WNT9A
Synonyms	MGC138165; MGC141991; WNT14
Gene ID	7483
mRNA Refseq	NM_003395.1
Protein Refseq	NP_003386
MIM	602863
UniProt ID	O14904

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