

Recombinant Human WNT10A Protein

Cat. No. WNT10A-111H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human Wnt-10a protein containing 382aa (Q36-K417) without tag was expressed in E. coli.
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 is strongly expressed in the cell lines of promyelocytic leukemia and Burkitt's lymphoma. In addition, it and another family member, the WNT6 gene, are strongly coexpressed in colorectal cancer cell lines. The gene overexpression may play key roles in carcinogenesis through activation of the WNT-beta-catenin-TCF signaling pathway. This gene and the WNT6 gene are clustered in the chromosome 2q35 region.
Molecular Mass	44 kDa
Product-Related Proteins	36-417
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS

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GENE INFORMATION

Gene Name	WNT10A Wnt family member 10A [Homo sapiens (human)]
Official Symbol	WNT10A
Synonyms	WNT10A; Wnt family member 10A; OODD; SSPS; STHAG4; protein Wnt-10a; Names; wingless-type MMTV integration site family, member 10A
Gene ID	80326
mRNA Refseq	NM_025216
Protein Refseq	NP_079492
MIM	606268
UniProt ID	Q9GZT5

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