

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 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA