

Active Recombinant Human WNT8A Protein

Cat. No. WNT8A-123H Lot. No. (See product label)

SPECIFICATION

Product Overview	The mature recombinant human Wnt-8a protein containing 337aa (V25-A351) 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, and may be implicated in development of early embryos as well as germ cell tumors. Multiple alternatively spliced transcript variants have been found for this gene.
Bio-activity	Measured by its ability to induce alkaline phosphatase production by C3H10T1/2 mouse embryonic fibroblast cells. The ED50 for this effect is 0.5-2.5 µg/mL.
Molecular Mass	38.7 kDa
Product-Related Proteins	25-351
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS

 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

GENE INFORMATION

Gene Name	WNT8A Wnt family member 8A [Homo sapiens (human)]
Official Symbol	WNT8A
Synonyms	WNT8A; Wnt family member 8A; WNT8D; protein Wnt-8a; Names; WNT8d; protein Wnt-8d; wingless-type MMTV integration site family, member 8A
Gene ID	7478
mRNA Refseq	NM_058244
Protein Refseq	NP_490645
MIM	606360
UniProt ID	Q9H1J5

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