

Recombinant Full Length Human WNT8A Protein, C-Flag-tagged

Cat. No. WNT8A-1342HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human WNT8A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.7 kDa
AA Sequence	MGNLFMLWAALGICCAAFSASAWSVNNFLITGPKAYLTYTTSVALGAQSGIEECKFQ FAWERWNCPENAL QLSTHNRLRSATRETSFIHAISSAGVMYIITKNCSMGDFENCG CDGSNNGKTGGHGWIWGGCSDNVEFGE RISKLFVDSLEKGKDARALMNLHNNRA GRLAVRATMKRTCKCHGISGSCSIQTCWLQLAEFREMGDYLKA KYDQALKIEMDKR QLRAGNSAEGHWVPAEAFLPsAEAEELIFLEESPDYCTCNSSLGIYGTEGRECLQNSH NTSRWERRSCGRLCTECGLQVEERKTEVISSCNCKFQWCCTVKCDQCRHVVSKEY

 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

	CARSPGSAQSLGKGS ATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Cancer stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway
Protein Pathways	Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway
Full Length	Full L.

GENE INFORMATION

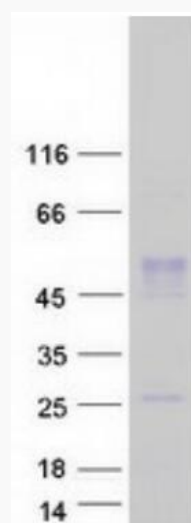
Gene Name	WNT8A Wnt family member 8A [Homo sapiens (human)]
Official Symbol	WNT8A
Synonyms	WNT8D

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Gene ID	7478
mRNA Refseq	NM_058244.4
Protein Refseq	NP_490645.1
MIM	606360
UniProt ID	Q9H1J5



Coomassie blue staining of purified WNT8A protein.