

Recombinant Human WNT8A protein, MYC/DDK-tagged

Cat. No. WNT8A-254H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT8A fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	WNT8A wingless-type MMTV integration site family, member 8A [Homo sapiens]
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Official Symbol	WNT8A
Synonyms	WNT8A; wingless-type MMTV integration site family, member 8A; protein Wnt-8a; WNT8D; WNT8d; protein Wnt-8d;
Gene ID	7478
mRNA Refseq	NM_058244
Protein Refseq	NP_490645
MIM	606360
UniProt ID	Q9H1J5
Chromosome Location	5q31
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Hedgehog signaling pathway, organism-specific biosystem;
Function	G-protein coupled receptor binding; frizzled binding; receptor agonist activity;