

## Recombinant Human WNT2 protein, His-tagged

Cat. No. WNT2-1893H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human WNT2 aa. (Ser26~Thr360) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser26~Thr360
<b>Description</b>	This gene is a member of the WNT gene family. 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. Alternatively spliced transcript variants have been identified for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	41kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Concentration</b>	200µg/mL
<b>Storage buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
<b>Isoelectric Point</b>	9.2

## GENE INFORMATION

<b>Gene Name</b>	WNT2 Wnt family member 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	WNT2
<b>Synonyms</b>	WNT2; Wnt family member 2; IRP; INT1L1; protein Wnt-2; Int-1-related protein; int-1-like protein 1; secreted growth factor; wingless-type MMTV integration site family member 2
<b>Gene ID</b>	7472
<b>mRNA Refseq</b>	NM_003391.2

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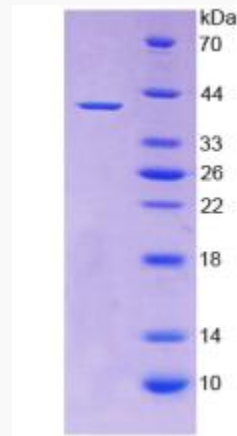
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**Protein Refseq** NP\_003382.1

**UniProt ID** P09544

**SDS-PAGE**



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