

Recombinant Human WNT2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human WNT2 aa. (Ser26~Thr360) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser26~Thr360
Description	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.
Form	Freeze-dried powder
Molecular Mass	41kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	9.2

GENE INFORMATION

Gene Name	WNT2 Wnt family member 2 [Homo sapiens (human)]
Official Symbol	WNT2
Synonyms	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
Gene ID	7472
mRNA Refseq	NM_003391.2

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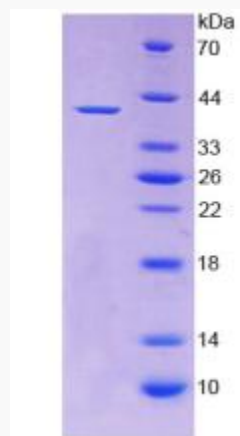
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Protein Refseq NP_003382.1

UniProt ID P09544

SDS-PAGE



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