

Recombinant Human WNT16 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. WNT16-2057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WNT16 MS Standard C13 and N15-labeled recombinant protein (NP_476509) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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. It contains two transcript variants diverging at the 5' termini. These two variants are proposed to be the products of separate promoters and not to be splice variants from a single promoter. They are differentially expressed in normal tissues, one of which (variant 2) is expressed at significant levels only in the pancreas, whereas another one (variant 1) is expressed more ubiquitously with highest levels in adult kidney, placenta, brain, heart, and spleen.
Molecular Mass	37.6 kDa
AA Sequence	MDRAALLGLARLCALWAALLVLPYGAQGNWMWLGIASFGVPEKLGCANLPLNSR QKELCKRKPYLLPSIREGARLGIQECGSQFRHERWNCMITAAATTAPMGASPLFGY ELSSGTKETAFIYAVMAAGLVHSVTRSCSAGNMTECSCDTTLQNGGSASEGWHWG

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GCSDDVQYGMWFSRKFLDFPIGNTTGKENKVLLAMNLHNNEAGRQAVAKLMSVDC
RCHGVSGSCAVKTCWKTMSSEKIGHLLKDKYENSIQISDKTKRKMRRREKDQRKIP
IHKDDLlyVNKSPNYCVEDKKLGIPGTQGRECNRTSEGADGCNLLCCGRGYNTHV
RHVERCECKFIWCCYVRCRRCESMTDVHTCKTRTRPLEQKLISEEDLAANDILDYKD
DDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name WNT16 Wnt family member 16 [Homo sapiens (human)]

Official Symbol WNT16

Synonyms WNT16; wingless-type MMTV integration site family, member 16; protein Wnt-16; wingless-type MMTV integration site family member 16b;

Gene ID 51384

mRNA Refseq NM_057168

Protein Refseq NP_476509

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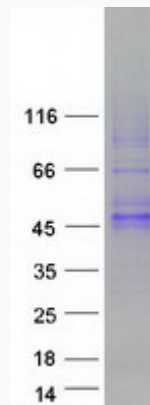
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MIM 606267

UniProt ID Q9UBV4

SDS-PAGE



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