OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP311204

WNT16 (NM_057168) Human Recombinant Protein

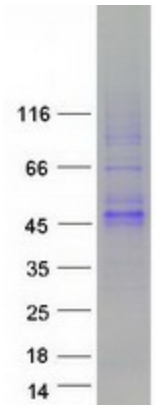
Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens wingless-type MMTV integration site family, member 16 (WNT16), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211204 representing NM_057168 Red=Cloning site Green=Tags(s) MDRAALLGLARLCALWAALLVLFPYGAQGNWMWLGIASFGVPEKLGCANLPLNSRQKELCKRKPYLLPSI REGARLGIQECGSQFRHERWNCMITAAATTAPMGASPLFGYELSSGTKETAFIYAVMAAGLVHSVTRSCS AGNMTECSCDTTLQNGGSASEGWHWGGCSDDVQYGMWFSRKFLDFPIGNTTGKENKVLLAMNLHNN EAGR QAVAKLMSVDCRCHGVSGSCAVKTCWKTMSSFEKIGHLLKDKYENSIQISDKTKRKMRRREKDQRKIPIH KDDLLYVNKSPNYCVEDKKLGIPGTQGRECNRTSEGADGCNLLCCGRGYNTHVVRHVERCECKFIWCCYV RCRRCESMTDVHTCK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	37.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

View online »

RefSeq:	NP_476509
Locus ID:	51384
UniProt ID:	Q9UBV4
RefSeq Size:	3132
Cytogenetics:	7q31.31
RefSeq ORF:	1095
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Secreted Protein, Transmembrane
Protein Pathways:	Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway

Product images:



Coomassie blue staining of purified WNT16 protein (Cat# TP311204). The protein was produced from HEK293T cells transfected with WNT16 cDNA clone (Cat# [RC211204]) using MegaTran 2.0 (Cat# [TT210002]).