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Product datasheet for TP301018M

WIT1 (NM_015855) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Wilms tumor upstream neighbor 1 (WIT1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201018 representing NM_015855 Red=Cloning site Green=Tags(s) MQRRGQPLENHVALIHWQSAGIPASKVHNYCNMKKSRLGRSRAVRISQPLLSPRRCPLHLTERGAGLLQP QPQGPVRTPGPPSGSHPAAADN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	9.9 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.
RefSeq:	NP_056939
Locus ID:	51352
RefSeq Size:	1962
Cytogenetics:	11p13

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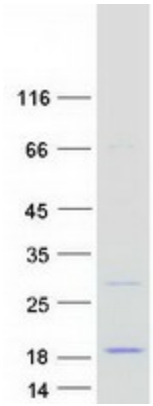
RefSeq ORF: 276

Synonyms: WIT-1, dJ74J1.1, MGC120207, MGC120208, MGC120209

Summary: This gene is located upstream of the Wilms tumor 1 (WT1) gene; these two genes are bi-directionally transcribed from the same promoter region. This gene is imprinted in kidney, with preferential expression from the paternal allele. Imprinting defects at chromosome 11p13 may contribute to tumorigenesis. [provided by RefSeq, May 2014]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified WIT1 protein (Cat# [TP301018]). The protein was produced from HEK293T cells transfected with WIT1 cDNA clone (Cat# [RC201018]) using MegaTran 2.0 (Cat# [TT210002]).