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 PH301018

WT1-AS (NM_015855) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	WIT1 MS Standard C13 and N15-labeled recombinant protein (NP_056939)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201018
Predicted MW:	9.9 kDa
Protein Sequence:	>RC201018 representing NM_015855 Red=Cloning site Green=Tags(s) MQRRGQPLENHVALIHWQSAGIPASKVHNYCNMKKSRLGRSRAVRISQPLLSPRRCPLHLTERGAGLLQP QPQGPVRTPGPPSGSHPAAADN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_056939
RefSeq Size:	1962
RefSeq ORF:	276
Synonyms:	WIT-1, dJ74J1.1, MGC120207, MGC120208, MGC120209
Locus ID:	51352
Cytogenetics:	11p13

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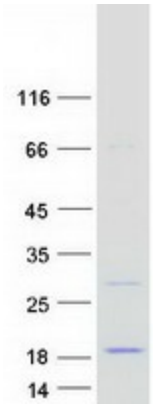
Summary: This gene is located upstream of the Wilms tumor 1 (WT1) gene; these two genes are bi-directionally transcribed from the same promoter region. This gene is imprinted in kidney, with preferential expression from the paternal allele. Imprinting defects at chromosome 11p13 may contribute to tumorigenesis.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