

Product datasheet for PH317569

WDR4 (NM_033661) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	WDR4 MS Standard C13 and N15-labeled recombinant protein (NP_387510)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217569
Predicted MW:	45.3 kDa
Protein Sequence:	>RC217569 representing NM_033661 Red =Cloning site Green =Tags(s)

MAGSVGLALCGQTLVVRGGSRLATSIASSDDSLFIYDCSAAEKKSQENKGEDAPLDQGS GAILASTFS
 NSGSYFALTDDSKRLILFRTKPWQCLSVRTVARRCTALTFIASEEKVLVADKSGDVYSFSVLEPHGCGRL
 ELGHL SMLLDVAVSPDDR FILTADRDEKIRVSWAAAPHSIESFCLGHTEFVSRISVVPTQPGLLLSSSGD
 GTLRLWEYRSGRQLHCCHLASLQELVDPQAPQKFAASRIAFWCQENCVALLCDGTSVVYIFQLDARRQQL
 VYRQQLAFQH QVWDVAFEETQGLWVLQDCQEAPLVLYRPVGDQWQSVPESTVLKKVSGVLRGNWAMLEGS
 AGADASFSSLYKATFDNVT SYLKKKEERLQQQLEKKQRRQSPPPGPDGHAKMRPGEATLSC

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_387510</u>
RefSeq Size:	1524
RefSeq ORF:	1236
Synonyms:	GAMOS6; hWH; MIGSB; TRM82; TRMT82; Wuho
Locus ID:	10785

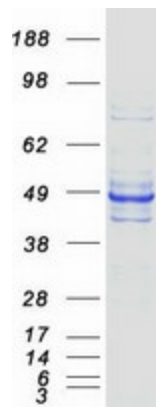

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UniProt ID: [P57081](#)

Cytogenetics: 21q22.3

Summary: This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is excluded as a candidate for a form of nonsyndromic deafness (DFNB10), but is still a candidate for other disorders mapped to 21q22.3 as well as for the development of Down syndrome phenotypes. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, May 2012]

Product images:



Coomassie blue staining of purified WDR4 protein (Cat# [TP317569]). The protein was produced from HEK293T cells transfected with WDR4 cDNA clone (Cat# [RC217569]) using MegaTran 2.0 (Cat# [TT210002]).