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Product datasheet for PH304288

DYNC2I2 (NM_052844) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	WDR34 MS Standard C13 and N15-labeled recombinant protein (NP_443076)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204288
Predicted MW:	57.7 kDa
Protein Sequence:	>RC204288 protein sequence Red=Cloning site Green=Tags(s) MATRAQPGPLSQAGSAGVAALATVGVASGPGPGRPGPLQDETLGVASVPSQWRAVQGIRGETKSCQTASI ATASASAQARNHVDAQVQTEAPVPVSVQPPSQYDIPRLAAFLRRVEAMVIRELNKNWQSHAFDGFEVNWT EQQQMVSCLYTLGYPPAQAQGLHVTSISWNSTGSVVACAYGRLDHGDWSTLKSFVCAWNLDRRDLRPQQP SAVVEVPSAVLCLAFHPTQPSHVAGGLYSGEVLVWDLSRLEDPLLWRTGLTDDTHTDPVSQVVWLPEPGH SHRFQVLSVATDGKVLLWQGIGVGQLQLTEGFALVMQQLPRSTKLKKHPRGETEVGATAVAFSSFDPRLF ILGTEGGFPLKCSLAAGEAALTRMPSSVPLRAPAQFTFSPHGGPIYSVSCSPFHRNLFLSAGTDGHVHLY SMLQAPPLTSLQLSLKYLFAVRWSPVRPLVFAAASGKGDVQLFDLQKSSQKPTVLIKQTQDESPVYCLEF NSQQTQLLAAGDAQGTVKVWQLSTEFTEQGPREAEDLDCLAAEVAA SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_443076
RefSeq Size:	1818
RefSeq ORF:	1608

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Synonyms: bA216B9.3; CFAP133; DIC5; FAP133; SRTD11; WDR34

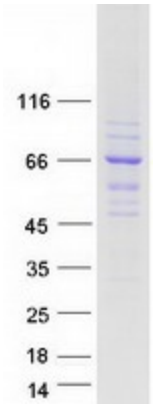
Locus ID: 89891

UniProt ID: Q96EX3

Cytogenetics: 9q34.11

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-asp (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. Defects in this gene are a cause of short-rib thoracic dysplasia 11 with or without polydactyly. [provided by RefSeq, Mar 2014]

Product images:



Coomassie blue staining of purified WDR34 protein (Cat# [TP304288]). The protein was produced from HEK293T cells transfected with WDR34 cDNA clone (Cat# [RC204288]) using MegaTran 2.0 (Cat# [TT210002]).