

## Product datasheet for PH320092

### WDR52 (CFAP44) (NM\_018338) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	WDR52 MS Standard C13 and N15-labeled recombinant protein (NP_060808)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220092
Predicted MW:	111.7 kDa
Protein Sequence:	>RC220092 protein sequence Red=Cloning site Green=Tags(s)

MKEPDDQDTEGKSVTSKSDGKKSLRSSKSESRSPVQEDNTFLEDDTDETFKGEGLYEDSDEERLEG  
SLSSFQYGDQLQSTTVPQQTPAPAVEEAEEEEVKKKISESFFYDYMELASMPFVTLDSNIPLDLLTLVHSFG  
YDCRKRANLQLLDDSIAYIYIAGNQLIFLNLKTKEQIYLRSSSGEGIGVIGVPHKTYFTVAEKGSFPDII  
IYEYPSLRPYRVLRDGTEKGYAYVDFNYSNLLASVGSNPDYTLTIWNWKEEQPILRTKAFSQEVFKVTF  
NPDKEEQLTTSGSGHIKFWEMAFFTGLKLGSLGRFGKTIITDIEGYMELPDGKVLSGSEWGNMLLWEG  
GLIKVELCRGTSKCHNGPINQIMLYEGEVITVGS DGYVRIWDFETIDTADVIDETGLLEIEPINELQVD  
KNVNLFSMIKMNETGNFWLAQDANGAIWKLDSLFSNITQDPECLFSFHSGAIEAVAVSPLTYLMATTAL  
DCSVRIYDFASKTPLAQMKFKQGGTALVWVPRMVNFTGAQIIVGFEDGVVRIELEYDPKGLTIFAGRKKI  
LDADIQLKQVFKPHTACVTALAYERDGEILATGSKDQTVFFFEVERDYKPIGYINTPGPVQQLMWSPM  
PESTLLIICENGYILEAPLPTIKQEEDDHDVVSYEIKDMCIKCFHFSSVKSKILRLIEIEKRERQRELKE  
KIREERRNKLAEMGEDGEKEFQEEEEEEEEEEEEPELPEIFIPSTPSPILCGFYSEPGKFWVSLGGYD  
SGFLYHCEFPDCESSDFKEQKDEPIDVRYLADTEDNPIQTITFNINKVMMFCGMKNGAIRVYVNLQNDP  
SLTSLVDYWHFNMHDNNGYCIKSIANSFDDRFLVTAGADGNIFVFNIFSEFMLRKDMKAKVSPRFGIET  
EPIPEDIEDPKAYSIENARRKREHDKLMKEVGEIKARKREQIKALRSEFCNLLEMNEKLPKHMQFKRTV  
LI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

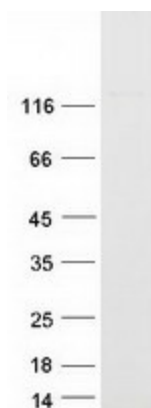
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_060808</a>
RefSeq Size:	3281
RefSeq ORF:	2946
Synonyms:	SPGF20; WDR52
Locus ID:	55779
UniProt ID:	<a href="#">Q96MT7</a>
Cytogenetics:	3q13.2
Summary:	Flagellar protein involved in sperm flagellum axoneme organization and function. [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified CFAP44 protein (Cat# [TP320092]). The protein was produced from HEK293T cells transfected with CFAP44 cDNA clone (Cat# [RC220092]) using MegaTran 2.0 (Cat# [TT210002]).