

## Product datasheet for PH322704

### WDR51A (POC1A) (NM\_015426) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	POC1A MS Standard C13 and N15-labeled recombinant protein (NP_056241)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222704
Predicted MW:	45 kDa
Protein Sequence:	>RC222704 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)

MAAPCAEDPSLERHFKGHRDAVTCVDFSINTKQLASGSMDSCLMVWHMKPQSRAYRFTGHKDAVTCVNFS  
 PSGHLLASGSRDKTVRIWPNVKGESTVFRAHTATVRSVHFCSDGQSFVTASDDKTVKVVATHRQKFLFS  
 LSQHINWVRCAKFSPDGRLIVSASDDKTVKLWDKSSRECVHSYCEHGGFVTYVDFHPSGTCIAAAGMDNT  
 VKVWDVTRHRLQLHYQLHSAAVNGLSFHPSGNYLITASSDSTLKILDMEGRLLYTLHGHPATTVAFS  
 RTGEYFASGGSDEQVMVWKS NFIDVHGVEVTKVPRPPATLASSMGNLPEVDFPVPPGRGRSVESVQSQPQ  
 EPVSVPTLTSTLEHIVGQLDVL TQTVSILEQRLTLTEDKLKQCLNQQLIMQRATP

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.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_056241</a></u>
RefSeq Size:	2213
RefSeq ORF:	1221
Synonyms:	PIX2; SOFT; WDR51A
Locus ID:	25886


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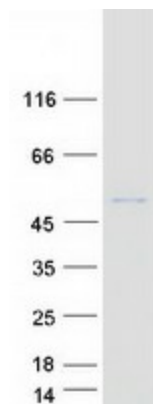
**UniProt ID:** Q8NBT0

**Cytogenetics:** 3p21.2

**Summary:** POC1 proteins contain an N-terminal WD40 domain and a C-terminal coiled coil domain and are part of centrosomes. They play an important role in basal body and cilia formation. This gene encodes one of the two POC1 proteins found in humans. Mutations in this gene result in short stature, onychodysplasia, facial dysmorphism, and hypotrichosis (SOFT) syndrome. [provided by RefSeq, Sep 2012]

**Protein Families:** Druggable Genome

## Product images:



Coomassie blue staining of purified POC1A protein (Cat# [TP322704]). The protein was produced from HEK293T cells transfected with POC1A cDNA clone (Cat# [RC222704]) using MegaTran 2.0 (Cat# [TT210002]).