

## Product datasheet for **TP322704**

### WDR51A (POC1A) (NM\_015426) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human WD repeat domain 51A (WDR51A), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC222704 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAAPCAEDPSLERHFHFKGHRDAVTCVDFSSINTKQLASGSMDSCLMVVHMKQSRAYRFTGHKDAVTCVNFS  
PSGHLLASGSRDKTVRIWVWPNVKGESTVFRAHTATVRSVHFCSDGQSFVTASDDKTVKVVWATHRQKFLFS  
LSQHINWVRCAKFSPDGLIVSASDDKTVKLWDKSSRECVHSYCEHGGFVTYVDFHPSGTCIAAAGMDNT  
VKVWDVTRHRLQLHYQLHSAAVNGLSFHPSGNYLITASSDSTLKILDLMGRLLYTLHGHQGPATTVAFS  
RTGEYFASGGSDQVMVWKSNDIVDHGEVTKVPRPPATLASSMGNLPEVDFPVPVPPGRGRSVESVQSQPQ  
EPVSVPQTLTSTLEHIVGQLDVLVTQTVSILEQRLTLTEDKCLKQCLNQQLIMQRATP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 44.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_056241](#)

**Locus ID:** 25886



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UniProt ID: [Q8NBT0](#)

RefSeq Size: 2213

Cytogenetics: 3p21.2

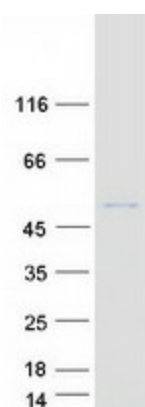
RefSeq ORF: 1221

Synonyms: PIX2; SOFT; WDR51A

**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]).