

Product datasheet for **TP322704M**

WDR51A (POC1A) (NM_015426) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human WD repeat domain 51A (WDR51A), 100 µg

Species: Human

Expression Host: HEK293T

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

MAAPCAEDPSLERHFKGHRDAVTCVDFSINTKQLASGSMDSCLMVWHMKPQSRAYRFTGHKDAVTCVN
FS
PSGHLLASGSRDKTVRIWVWPNVKGESTVFRAHTATVRSVHFCSDGQSFVTASDDKTVKWWATHRQKFLFS
LSQHINWVRCAKFSPDGR LIVSASDDKTVKLWDKSSRECVHSYCEHGGFVTYVDFHPSGTCIAAAGMDNT
VKVWDVVRTHRLQLHYQLHSAAVNGLSFHPSGNYLITASSDSTLKILDLMEGRLLYTLHGHHQGPATTVAFS
RTGEYFASGGSDEQVMVWKS NF DIVDHGEVTKVPRPPATLASSMGNLPEVDFPVPVPPGRGRSVESVQSQP
Q
EPVSVPTLTSTLEHIVGQLDVL TQTVSILEQRLTLTEDKLKQCLENQQQLIMQRATP

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.



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RefSeq: [NP_056241](#)

Locus ID: 25886

UniProt ID: [Q8NBT0](#)

RefSeq Size: 2213

Cytogenetics: 3p21.2

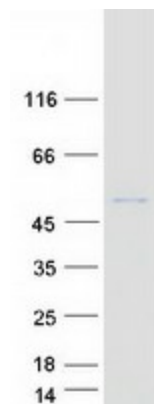
RefSeq ORF: 1221

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]).