

## **Product datasheet for TP307471M**

## OriGene Technologies, Inc.

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## FNDC4 (NM 022823) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human fibronectin type III domain containing 4 (FNDC4), 100 μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC207471 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MPSGCHSSPPSGLRGDMASLVPLSPYLSPTVLLLVSCDLGFVRADRPPSPVNVTVTHLRANSATVSWDVP EGNIVIGYSISQQRQNGPGQRVIREVNTTTRACALWGLAEDSDYTVQVRSIGLRGESPPGPRVHFRTLKG SDRLPSNSSSPGDITVEGLDGERPLQTGEVVIIVVVLLMWAAVIGLFCRQYDIIKDNDSNNNPKEKGKGP

EQSPQGRPVGTRQKKSPSINTIDV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK

**Predicted MW:** 25 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 073734

**Locus ID:** 64838

UniProt ID: Q9H6D8





RefSeq Size: 1697

Cytogenetics: 2p23.3
RefSeq ORF: 702
Synonyms: FRCP1

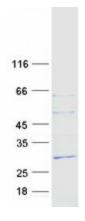
**Summary:** Acts as an anti-inflammatory factor in the intestine and colon. Binds to and acts on

macrophages to downregulate pro-inflammatory gene expression. Affects key macrophage functions, including phagocytosis, by downregulating many key pathways for macrophage activation, partly via by STAT3 activation and signaling. May be required to dampen the

immunological response in colitis.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transmembrane

## **Product images:**



Coomassie blue staining of purified FNDC4 protein (Cat# [TP307471]). The protein was produced from HEK293T cells transfected with FNDC4 cDNA clone (Cat# [RC207471]) using MegaTran 2.0 (Cat# [TT210002]).