

Product datasheet for **TP307471M**

FNDC4 (NM_022823) Human Recombinant Protein

Product data:

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| 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 or AA Sequence: | >RC207471 protein sequence Red =Cloning site Green =Tags(s) |
| | MPSGCHSSPPSGLRGDMASLVPLSPYLSPTVLLLVSCDLGFVRADRPSPVNVTVTHLRANSATVSWDVP EGNIVIGYSISQQRQNGPGQRVIREVNTTTRACALWGLAEDSDYTVQVRSIGLRGESPPGPRVHFRTLKG SDRLPSNSSSPGDITVEGLDGERPLQTGEVVIIVVLLMWAAVIGLFCRQYDIKDNDSNNNPKEKGKGP 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: | <u>NP_073734</u> |
| Locus ID: | 64838 |
| UniProt ID: | <u>Q9H6D8</u> |



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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]).