Product datasheet for **SC112412**

**FNDC4 (NM_022823) Human Untagged Clone**

**Product data:**

- **Product Type:** Expression Plasmids
- **Product Name:** FNDC4 (NM_022823) Human Untagged Clone
- **Tag:** Tag Free
- **Symbol:** FNDC4
- **Synonyms:** FRCP1
- **Vector:** pCMV6-XL4
- **E. coli Selection:** Ampicillin (100 ug/mL)
- **Cell Selection:** None
- **Fully Sequenced ORF:**

```plaintext
>Origene ORF within SC112412 sequence for NM_022823 edited (data generated by NextGen Sequencing)
ATGCCAAGCGGATGCCACAGTTCCCCTCCCCCAGCGGACTCCGTGGGCCATGGCTTCGCTGGTGCCTTCTATCTAAGCCCACGGGAGTCTCCTGCTGGAGCTGGTGGAACATGGCACACTCTCTATCTGACATATCAGGCCCTCTCTGCTGGTCAGCTGTGACCTGGGCTTCGTGCGAGCAGACCGGCCTCCCTCTGTGAATGTGACGGTCACTCACCTCAGAGCC
AACTCGGCCACTGTGTCCTGGGACGTCCCAGAAGGCAACATCGTCATTGGCTACTCCATT
TCCCAAGACAGGCGAATGCCCCCGGGGCACGTGCTATTCGAGGAGGTGCAACACCACACC
CGGGCCCTGTGCCCTCTGCTGGGAGCTGAAAGACTACACAGTGACTGACAGATGGAGGAC
ATCGGCCCTCAGGGGAGGAGCTCCCCCAAGGGCCAGGCGGCTGCACTCACTCAAGGGT
TGTGACATCATCATGGAATGACTCCAAC
AACAATCCAAGAGAAGGAAAGGGCCGGAACAGAGGTGAGCCCCGGATGGAGGAGCTCAGTGGG
ACCAAGACACAAAGTCCACCCTATCAACACCATCGACGTTTG
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Clone variation with respect to NM_022823.2
5' Read Nucleotide Sequence: >OriGene 5' read for NM_022823 unedited
tccggcaacccctgcctcgggacagactctcgcggccggtcagcccgccctgctccctcggccgcagccggtatgtgtacagttcatataggggcgcccgaatgttgcacgttccgagacctggccggtggggtgctgcgcttgacggtgaggctgtagtataattgtgcaagtggtgagggtgcagcgccacaggtgagcccagtacctcccgcggtgacctgagctggagacttttttttttttttttttttttttttttgggtgcaacagttcttttttcagttcaagttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttttt
Cytogenetics: 2p23.3
Domains: FN3
Protein Families: Transmembrane
Gene 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]