

Recombinant Human FNDC4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FNDC4-4330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FNDC4 MS Standard C13 and N15-labeled recombinant protein (NP_073734) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	25.2 kDa
AA Sequence	MPSGCHSSPPSGLRGDMASLVPLSPYLSPTVLLLVSDDLGFVRADRPSPVNVTVT HLRANSATVSWDVPEGNIVIGYSISQQRQNGPGQRVIREVNTTTRACALWGLAEDS DYTVQVRSIGLRGESPPGPRVHFRTLKGSDDLPSNSSSPGDITVEGLDGERPLQTG EVVIVVLLMWAAVIGLFCRQYDIKDNDNNNPKEKGKGPEQSPQGRPVGTRQKK SPSINTIDVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FNDC4 fibronectin type III domain containing 4 [Homo sapiens (human)]

Official Symbol FNDC4

Synonyms FNDC4; fibronectin type III domain containing 4; fibronectin type III domain-containing protein 4; FLJ22362; FRCP1; fibronectin type III repeat-containing protein 1;

Gene ID 64838

mRNA Refseq NM_022823

Protein Refseq NP_073734

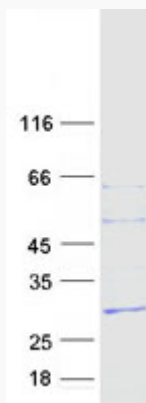
MIM 611905

UniProt ID Q9H6D8

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SDS-PAGE

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