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	MPSGCHSSPPSGLRGDMASLVPLSPYLSPTVLLLVSCDLGFVRADRPPSPVNVTVT HLRANSATVSWDVPEGNIVIGYSISQQRQNGPGQRVIREVNTTTRACALWGLAEDS DYTVQVRSIGLRGESPPGPRVHFRTLKGSDRLPSNSSSPGDITVEGLDGERPLQTG EVVIIVVVLLMWAAVIGLFCRQYDIIKDNDSNNNPKEKGKGPEQSPQGRPVGTRQKK 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

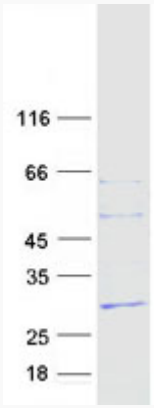
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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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