

Recombinant Mouse Fndc4 Protein, Myc/DDK-tagged

Cat. No. Fndc4-3064M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length fibronectin type III domain containing 4 (Fndc4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	25.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Fndc4 fibronectin type III domain containing 4 [Mus musculus (house mouse)]
Official Symbol	Fndc4
Synonyms	FNDC4; fibronectin type III domain containing 4; fibronectin type III domain-containing protein 4; fibronectin type III repeat containing protein 1; fibronectin type III repeat-containing protein 1; FRCP1; Fnmp1; AB030187; AI838506; AW487863; 2810430J06Rik; 6330410H20Rik
Gene ID	64339
mRNA Refseq	NM_022424
Protein Refseq	NP_071869
UniProt ID	Q3TR08

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