

Product datasheet for TP523815

Fndc4 (NM_022424) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse fibronectin type III domain containing 4 (Fndc4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223815 representing NM_022424 Red=Cloning site Green=Tags(s)

MPLAPPANSVETMASLMPLSPYLSPTVLLLVS CDLGFVRADRPSPVNVTVTHLRANSATVSWDVPEGNI
VIGYSISQQRQNGPGQRVIREVNTTTRACALWGLAEDSDYTVQVRSIGLRGESPPGPRVHFRTLKGS DRL
PSNSSSPGDITVEGLDGERPLQTGEVVIIVVLLMWA AVIGLFCRQYDIKDNDSNNNPKEKGGKPEQSP
QGRPVGTTTRQKKSPSINTIDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	25.4 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
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 after receiving vials.
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:	NP_071869
Locus ID:	64339
UniProt ID:	Q3TR08 , B9EI95
RefSeq Size:	2270



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Cytogenetics: 5 B1

RefSeq ORF: 693

Synonyms: 2810430J06Rik; 6330410H20Rik; AB030187; AI838506; AW487863; Fnmp1; 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]