

Product datasheet for PH307471

FNDC4 (NM_022823) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FNDC4 MS Standard C13 and N15-labeled recombinant protein (NP_073734)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207471
Predicted MW:	25.2 kDa
Protein Sequence:	>RC207471 protein sequence Red=Cloning site Green=Tags(s) MPSGCHSSPPSGLRGDMASLVPLSPYLSPVLLLVSCDLGFVRADRPPSPVNVTVTHLRANSATVSWDVP EGNIVIGYSISQQRQNGPGQRVIREVNTTTRACALWGLAEDSDYTVQVRSIGLRGESPPGPRVHFRTLKG SDRLPSNSSSPGDITVEGLDGERPLQTGEVVIIVVLLMWAAVIGLFCRQYDIIKDNDSNNPKEKGKGP EQSPQGRPVGTRQKKSPSINTIDV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_073734
RefSeq Size:	1697
RefSeq ORF:	702
Synonyms:	FRCP1
Locus ID:	64838
UniProt ID:	Q9H6D8



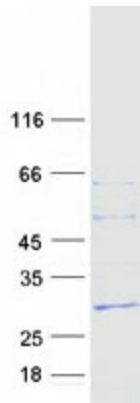
[View online »](#)

Cytogenetics: 2p23.3

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]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified FNDC4 protein (Cat# [TP307471]). The protein was produced from HEK293T cells transfected with FNDC4 cDNA clone (Cat# [RC207471]) using MegaTran 2.0 (Cat# [TT210002]).