

## Product datasheet for TP307117L

### MNDA (NM\_002432) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myeloid cell nuclear differentiation antigen (MNDA), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207117 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MVNEYKKILLLLKGFELMDDYHFTSIKSLLAYDLGLTTKMQEEYNRIKITDLMEKKFQGVACLDKLIELAK DMPSLKNLVNLRKEKSKVAKKIKTQEKAPVKKINQEEVGLAAPAPTARNKLTSEARGRIPVAQKRKTPN KEKTEAKRNKVSQEQSKPPGPSGASTSAAVDHPPLPQTSSSTPSNTSFTPNQETQAQRQVDARRNVPQND PVTVVVLKATAPFKYESPENKSTMFHATVASKTQYFHVKVFIDLKKEKFVRKKVITISDYSECKGVMEI KEASSVDFNQNFVNPRIIEIANKTPKISQLYKQASGTMVYGLFMLQKKSVMHKKNTIYEIQDNTGSMDV VGSGKWHNIKCEKGDKLRFLCLQLRTVDRKLLKLVCGSHSFIKVIKAKKNKEGPMNVN
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	45.7 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<a href="#">NP_002423</a>
Locus ID:	4332



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UniProt ID: [P41218](#), [Q5VUU6](#)

RefSeq Size: 1670

Cytogenetics: 1q23.1

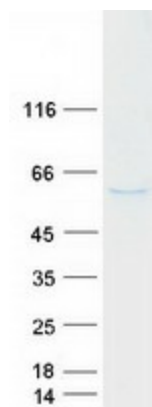
RefSeq ORF: 1221

Synonyms: PYHIN3

**Summary:** The myeloid cell nuclear differentiation antigen (MNDA) is detected only in nuclei of cells of the granulocyte-monocyte lineage. A 200-amino acid region of human MNDA is strikingly similar to a region in the proteins encoded by a family of interferon-inducible mouse genes, designated Ifi-201, Ifi-202, and Ifi-203, that are not regulated in a cell- or tissue-specific fashion. The 1.8-kb MNDA mRNA, which contains an interferon-stimulated response element in the 5-prime untranslated region, was significantly upregulated in human monocytes exposed to interferon alpha. MNDA is located within 2,200 kb of FCER1A, APCS, CRP, and SPTA1. In its pattern of expression and/or regulation, MNDA resembles IFI16, suggesting that these genes participate in blood cell-specific responses to interferons. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified MNDA protein (Cat# [TP307117]). The protein was produced from HEK293T cells transfected with MNDA cDNA clone (Cat# [RC207117]) using MegaTran 2.0 (Cat# [TT210002]).