

# Recombinant Full Length Human MNDA Protein, GST-tagged

Cat. No. MNDA-6286HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MNDA full-length ORF ( NP_002423.1, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	407 amino acids
<b>Description</b>	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 lfi-201, lfi-202, and lfi-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
<b>Molecular Mass</b>	72.2 kDa
<b>AA Sequence</b>	MVNEYKKILLLLKGFELMDDYHFTSIKSLLAYDLGLTTKMQEEYNRIKITDLMEKKFQG VACLDKLIELAKDMP SLK NLVN NLRKEKSKVAKKIKTQE KAPVKKINQEEVGLAAPAP TARNKLTSEARGRIPVAQKRKTPNKEKTEAKRNKVSQEQSKPPGPSGASTSAAVDH

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PPLPQTSSSTPSNTSFTPNQETQAQRQVDARRNVPQNDPVTVVVLKATAPFKYESP  
 ENKSTMFHATVASKTQYFHVKVFDINLKEKFVRKKVITISDYSECKGVMEIKEASSV  
 SDFNQNFEPNRIIEIANKTPKISQLYKQASGTMVYGLFMLQKKS VHKKNTIYEIQDNT  
 GSMDVVGSGKWHNIKCEKGDKLRLFCLQLRTVDRKLLKLVCGSHSFIKVIKAKKNKEG  
 PMNVN

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**  
 Best use within three months from the date of receipt of this protein.

**Storage**  
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**  
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [MND A myeloid cell nuclear differentiation antigen \[ Homo sapiens \]](#)

**Official Symbol** [MND A](#)

**Synonyms** MND A; myeloid cell nuclear differentiation antigen; PYHIN3;

**Gene ID** [4332](#)

**mRNA Refseq** [NM\\_002432](#)

**Protein Refseq** [NP\\_002423](#)

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<b>MIM</b>	159553
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<b>UniProt ID</b>	P41218
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