

## Recombinant Human MNDA, His-tagged

Cat. No. MNDA-30038TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human MNDA with N terminal His tag, 427 amino acids with tag, MWt 47.9kDa,
<b>Species</b>	Human
<b>Source</b>	E.coli
<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 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.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Expressed constitutively in cells of the myeloid lineage. Found in promyelocyte stage cells as well as in all other stage cells including peripheral blood monocytes and granulocytes. Also appear in myeloblast cells in some cases of acute myeloid Leukemia.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 100mM Sodium chloride, pH 8
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	<p>MGSSHHHHHH SSGLVPRGSH MVNEYKKILL LKGFELMDDY HFTSIKSLLA          YDLGLTTKMQ EEYNRIKID LMEKKFQGVA CLDKLIELAKDMPSLKNLVN          NLRKEKSKVA KKIQTQEKAP VKKINQEEVG LAAPAPTARN KLTSEARGRI          PVAQKRKTPN KEKTEAKRNK VSQEQSKPPGPSGASTSAAV DHPPLPQTSS          STPSNTSFTP NQETQAQRQV DARRNVPQND PVTVVVLKAT APFKYESPEN          GKSTMFHATV ASKTQYFHVKVFINDLKEKF VRKKVITISD YSECKGVMEI          KEASSVSDFN QNFEVPNRII EIANKTPKIS QLYKQASGTM VYGLFMLQKK          SVHKKNTIYEIQDNTGSM DV VGSGKWHNIK CEKGDKLRLF CLQLRTVDRK          LKLVCGSHSF IKVIKAKKNK EGPMNVN</p>
<b>Sequence Similarities</b>	Contains 1 DAPIN domain. Contains 1 HIN-200 domain.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	MNDA myeloid cell nuclear differentiation antigen [ Homo sapiens ]
<b>Official Symbol</b>	MNDA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Synonyms</b>	MNDA; myeloid cell nuclear differentiation antigen; PYHIN3;
<b>Gene ID</b>	<a href="#">4332</a>
<b>mRNA Refseq</b>	<a href="#">NM_002432</a>
<b>Protein Refseq</b>	<a href="#">NP_002423</a>
<b>MIM</b>	<a href="#">159553</a>
<b>Uniprot ID</b>	<a href="#">P41218</a>
<b>Chromosome Location</b>	1q22
<b>Function</b>	DNA binding;

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA