

## 32-4219: Recombinant Human Myeloid Cell Nuclear Differentiation Antigen

**Alternative Name :** PYHIN3, Myeloid cell nuclear differentiation antigen, MNDA.

### Description

Source : Escherichia Coli. MNDA Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 427 amino acids (1-407 a.a.) and having a molecular mass of 47.9 kDa. The MNDA is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques. MNDA plays a role as a transcriptional activator/repressor in the myeloid lineage and in the granulocyte/monocyte cell-specific response to interferon. MNDA Stimulates the DNA binding of the transcriptional repressor protein YY1. MNDA is identified only in nuclei of cells of the granulocyte-monocyte lineage. A 200-a.a region of human MNDA is remarkably related to a region in the proteins encoded by a family of interferon-inducible mouse genes, MNDA participates in blood cell-specific responses to interferons.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	The MNDA solution contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.
<b>Storage condition :</b>	MNDA although stable 4°C for 4 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MVNEYKKILL LKGFELMDDY HFTSIKSLLA YDLGLTTKMQ EEYNRIKITD LMEKKFQGVA CLDKLIELAK DMPSLKNLVN NLRKEKSKVA KKIQTQEKAP VKKINQEEVG LAAPAPTARN KLTSEARGRI PVAQKRKTPN KEKTEAKRNN VSQEQSKPPG PSGASTSAAV DHPPLPQTSS STPSNTSFTP NQETQAQRQV DARRNVPQND PVTVVVLKAT APFKYESPEN GKSTMFHATV ASKTQYFHVK VFDINLKEKF VRKKVITISD YSECKGVMEI KEASSVDFN QNFEVPNRII EIANKTPKIS QLYKQASGTM VYGLFMLQKK SVHKKNTIYE IQDNTGSM DV VGSGKWHNIK CEKGDKLRLF CLQLRTVDRK LKLVCGSHSF IKVIKAKKNK EGPMNVN.

