

## 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

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|----------------------------|---|
| <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<br>EEYNRIKITD LMEKKFQGVA CLDKLIELAK DMPSLKNLVN NLRKEKSKVA KKIQTQEKAP<br>VKKINQEEVG LAAPAPTARN KLTSEARGRI PVAQKRKTPN KEKTEAKRNK VSQEQSKPPG<br>PSGASTSAAV DHPPLPQTSS STPSNTSFTP NQETQAQRQV DARRNVPQND PVTVVVLKAT<br>APFKYESPEN GKSTMFHATV ASKTQYFHVK VFDINLKEKF VRKKVITISD YSECKGVMEI<br>KEASSVDFN QNFEVFNRII EIANKTPKIS QLYKQASGTM VYGLFMLQKK SVHKKNTIYE<br>IQDNTGSM DV VGSGKWHNIK CEKGDKLRLF CLQLRTVDRK LKLVCGSHSF IKVIKAKKNK<br>EGPMNVN. |

