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## Product Data Sheet

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Product Name: MNDA Human  
 Cat. No.: GP23934  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PYHIN3; Myeloid cell nuclear differentiation antigen; MNDA.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MVNEYKILL LKGFELMDDY HFTSIKSLLA YDLGLTTKMQ EEYNRIKITD LMEKKFQGVA CLDKLIELAK DMPSLKNLVN NLRKEKSKVA KKIQTQEKAP VKKINQEEVG LAAPAPTARN KLTSEARGRI PVAQKRKTPN KEKTEAKRNK VSQEQSKPPG PSGASTSAAV DHPPLPQTSS STPSNTSFTP NQETQAQRQV DARRNVPQND PVTVVVLKAT APFKYESPEN GKSTMFHATV ASKTQYFHVK VFDINLKEKF VRKKVITISD YSECKGVMEI KEASSVSDFN QNFEVFNRII EIANKTPKIS QLYKQASGTM VYGLFMLQKK SVHKKNTIYE IQDNTGSM DV VGS GKWHNIK CEKGD KLRLF CLQLRTVDRK LKLVC GSHSF IKVIKAKKNK EGPMNVN.		
Formulation	The MNDA solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.		

### Introduction

MNDA plays a role as a transcriptional activator/repressor in the myeloid lineage and in the granulocyte/monocyte cell-specific response. MNDA Stimulates the DNA binding of the transcriptional repressor protein YY1. MNDA is identified only in nuclei of cells of the granulocyte-monocyte lineage.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

MNDA Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide

**Caution: Product has not been fully validated for medical applications. For research use only.**

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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.

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