

Myeloid Cell Nuclear Differentiation Recombinant Protein | MND A recombinant protein

Recombinant Human Myeloid Cell Nuclear Differentiation Antigen

CATALOG # AAA38673	HOST E Coli
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PRODUCT SYNONYMS

Myeloid Cell Nuclear Differentiation; Recombinant Human Myeloid Cell Nuclear Differentiation Antigen; MND A Human; Myeloid Cell Nuclear Differentiation Antigen Human Recombinant; PYHIN3; Myeloid cell nuclear differentiation antigen; MND A; MND A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The MND A solution contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHHHH SSGLVPRGSH MVNEYKILL LKGFELDDY HFTSIKSLA YDLGLTTKMQ EEYNRIKITD LMEKKFQGVA CLDKLIELAK DMPSLKNLVN NLRKEKSKVA KKIQTQEKAP VKKINQEEVG LAAPAPTARN KLTSEARGRI PVAQKRKTPN KEKTEAKRNK VSQEQSKPPG PSGASTSAV DHPPLPQTSS STPSNTSFTP NQETQAQRQV DARRNVPQND PVTVVVLKAT APFKYESPEN GKSTMFHATV ASKTQYFHVK VFDINLKEKF VRKKVITISD YSECKGVMEI KEASSVSDFN QNFEVFNRII EIANKTPKIS QLYKQASGTM VYGLFMLQKK SVHKKNTIYE IQDNTGSMDV VSGGKWHNIK CEKGDKLRLF CLQLRTVDRK LKLVCGSHSF IKVIKAKKNK EGPMMNVN
Sequence Length	407
Preparation and Storage	MND A although stable 4 degree C for 4 weeks, should be stored desiccated below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for MND A recombinant protein	Description: MND A 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 MND A is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: MND A plays a role as a transcriptional activator/repressor in the myeloid lineage and in the granulocyte/monocyte cell-specific response to interferon. MND A Stimulates the DNA binding of the transcriptional repressor protein YY1. MND A is identified only in nuclei of cells of the granulocyte-monocyte lineage. A 200-a.a region of human MND A is remarkably related to a region in the proteins encoded by a family of interferon-inducible mouse genes, MND A participates in blood cell-specific responses to interferons.
Product Categories/Family for MND A recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505227
NCBI GeneID	4332
NCBI Accession #	NP_002423.1
NCBI GenBank Nucleotide #	NM_002432.1

UniProt Accession #	P41218
Molecular Weight	45,836 Da
NCBI Official Full Name	myeloid cell nuclear differentiation antigen
NCBI Official Synonym Full Names	myeloid cell nuclear differentiation antigen
NCBI Official Symbol	MNDA
NCBI Official Synonym Symbols	PYHIN3
NCBI Protein Information	myeloid cell nuclear differentiation antigen
UniProt Protein Name	Myeloid cell nuclear differentiation antigen
UniProt Gene Name	MNDA
UniProt Entry Name	MNDA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mnda-recombinant-protein-e-coli/38673>