

MNDA, 1-407aa, Human, His tag, E.coli

Cat.NO.: TP03000

3th Edition

Synonyms: Myeloid cell nuclear differentiation antigen, PYHIN3

Description: MNDA, also known as myeloid cell nuclear differentiation antigen, is detected only in nuclei of cells of the granulocyte-monocyte lineage. This protein may act as a transcriptional activator/repressor in the myeloid lineage and plays a role in the granulocyte/monocyte cell-specific response to interferon. 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 Irf-201, Irf-202, and Irf-203, that are not regulated in a cell- or tissue-specific fashion.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

Molecular Weight: 47.9 kDa (427aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMVNEYKILLKGFELMDDYHFTSIKSLAYDLGLTTKMQEEYNRIKITDLMEKKFQ
GVACLKLIELAKDMPSLKNLVNLRKEKSKVAKKIQTQEKAPVKKINQEEVGLAAPAPTARNKLTSEARGRIPVAQK
RKTPNKEKTEAKRNKVSQEQSKPPGPSGASTSAAVDHPPLPQTSSSTPSNTSFTPNQETQAQRQVDARRNVPQN
DPVTVVVLKATAPFKYESPENKSTMFHATVASKTQYFHVKVFDINLKEKFRKVKVITISDYSECKGVMEIKEASSVS
DFNQNFVFNRIIEIANKTPKISQLYKQASGTMVYGLFMLQKKSVMKNTIYEIQDNTGSMDVVGSGKWHNIKCEKG
DKLRLFCLQLRTVDRKLLKLVCGSHSFIKVIKAKKNKEGPMNVN

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.