



Recombinant Human Myeloid cell nuclear differentiation antigen (MNDA)

Product Code	CSB-MP014688HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P41218
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MVNEYKKILL 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 QNFEVPNRII EIANKTPKIS QLYKQASGTM VYGLFMLQKK SVHKKNITIYE IQDNTGSMDV VGSGKWHNIK CEKGDKLRLF CLQLRTVDRK LKLVCGSHSF IKVIKAKKNK EGPMNVN
Source	Mammalian cell
Target Names	MNDA
Protein Names	Recommended name: Myeloid cell nuclear differentiation antigen
Expression Region	1-407
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	The myeloid cell nuclear differentiation antigen (MNDA) is detected only in nuclei of cells of the granulocyte-monocyte lineage. 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 Ifi-201, Ifi-202, and Ifi-203, that are not regulated in a cell- or tissue-specific fashion. The 1.8-kb MNDA mRNA, which contains an interferon-stimulated response element in the 5-prime untranslated region, was significantly upregulated in human monocytes exposed to interferon alpha. MNDA is located within 2,200 kb of FCER1A, APCS, CRP, and SPTA1. In its pattern of expression and/or regulation, MNDA resembles IFI16, suggesting that these genes participate in blood cell-specific responses to interferons.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.