



Recombinant Human SAM domain and HD domain-containing protein 1 (SAMHD1)

Product Code	CSB-MP896510HU
Abbreviation	SAMHD1
Storage	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.
Uniprot No.	Q9Y3Z3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MQRADSEQPS KRPRCDDSPR TPSNTPSAEA DWSPGLELHP DYKTWGPEQV CSFLRRGGFE EPVLLKNIRE NEITGALLPC LDES RFENLG VSSLGERKKL LSYIQLRVQI HVDTMKVIND PIHGHELHP LLVRIIDTPQ FQRLRYIKQL GGGYYVFGA SHNRFEHSLG VGYLAGCLVH ALGEKQPELQ ISERDVLCVQ IAGLCHDLGH GPF SHMFDGR FIPLARPEVK WT HEQGSVMM FEHLINSNGI KPVMEQYGLI PEEDICFIKE QIVGPLESPV EDSLWPYKGR PENKSFLYEI VSNKRNGIDV DKWDYFARDC HHLGIQNNFD YKRFIKFARV CEVDNELRIC ARDKEVGNLY DMFHTRNSLH RRAYQHKVGN IIDTMITDAF LKADDYIEIT GAGGKKYRIS TAIDDMEAYT KLTDNIFLEI LYSTDPKDK AREILKQIEY RNLFKYVGET QPTGQIKIKR EDYESLPKEV ASAKPKVLLD VKLKAEDFIV DVINMDYGMQ EKNPIDHVSF YCKTAPNRAI RITKNQVSQL LPEKFAEQLI RUYCKKVDRK SLYAARQYFV QWCADRNF TK PQDGDVIAPL ITPQKKEWND STSVQNPTRL REASKSRVQL FKDDPM
Source	Mammalian cell
Target Names	SAMHD1
Protein Names	Recommended name: SAM domain and HD domain-containing protein 1 EC=3.1.4.- Alternative name(s): Dendritic cell-derived IFNG-induced protein Short name= DCIP Monocyte protein 5 Short name= MOP-5
Expression Region	1-626
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
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.