Recombinant Human CD2 antigen cytoplasmic tail-binding protein 2 (CD2BP2)

Product Code	CSB-EP004915HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95400
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MPKRKVTFQG VGDEEDEDEI IVPKKKLVDP VAGSGGPGSR FKGKHSLDSD EEEDDDDGGS SKYDILASED VEGQEAATLP SEGGVRITPF NLQEEMEEGH FDADGNYFLN RDAQIRDSWL DNIDWVKIRE RPPGQRQASD SEEEDSLGQT SMSAQALLEG LLELLLPRET VAGALRRLGA RGGGKGRKGP GQPSSPQRLD RLSGLADQMV ARGNLGVYQE TRERLAMRLK GLGCQTLGPH NPTPPPSLDM FAEELAEEEL ETPTPTQRGE AESRGDGLVD VMWEYKWENT GDAELYGPFT SAQMQTWVSE GYFPDGVYCR KLDPPGGQFY NSKRIDFDLY T
Source	E.coli
Target Names	CD2BP2
Protein Names	Recommended name: CD2 antigen cytoplasmic tail-binding protein 2 Short name= CD2 cytoplasmic domain-binding protein 2 Short name= CD2 tail-binding protein 2
Expression Region	1-341
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	This gene encodes a bi-functional protein. In the cytoplasm, the encoded protein binds the cytoplasmic tail of human surface antigen CD2 via its C-terminal GYF domain, and regulate CD2-triggered T lymphocyte activation. In the nucleus, this protein is a component of the U5 small nuclear ribonucleoprotein complex and is involved in RNA splicing. A pseudogene has been identified on chromosome 7. Alternative splicing results in multiple transcript variants but their biological validity has not been determined.
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.