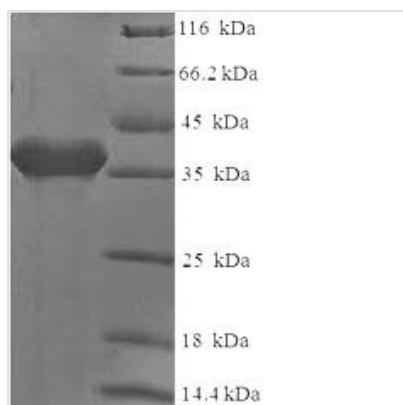




Recombinant Human T-cell surface antigen CD2 (CD2), partial

Product Code	CSB-EP004894HU
Relevance	CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the Cytoplasmic domain is implicated in the signaling function.
Abbreviation	Recombinant Human CD2 protein, partial
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.	P06729
Alias	Erythrocyte receptor;LFA-2LFA-3 receptor;Rosette receptor;T-cell surface antigen T11/Leu-5; CD2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KEITNALETWGALGQDINLDIPSFQMSDDIDDIKWEKTSKDKKKIAQFRKEKETFK EKDTYKLFKNGTLKIKHLKTDDQDIYKVSIIYDTKGKNVLEKIFDLKIQERVSKPKI SWTCINTTLTCEVMNGTDPELNLYQDGKHLKLSQRVITHKWTTSLSAKFKCTA GNKVSKESSVEPVSCPEKGLD
Research Area	Cell Adhesion
Source	E.coli
Target Names	CD2
Expression Region	25-209aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	37.3kDa
Protein Length	Extracellular Domain
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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