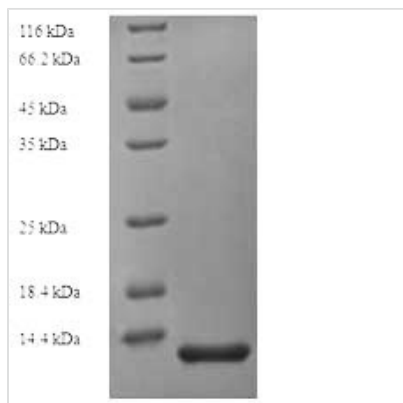


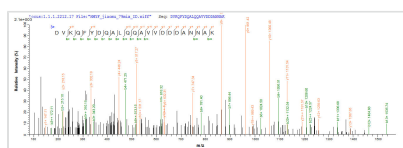


Recombinant Human CD81 antigen (CD81), partial

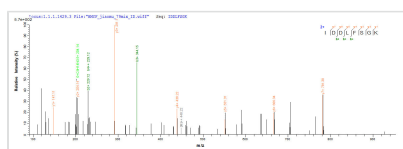
Product Code	CSB-YP004960HU
Relevance	May play an important role in the regulation of lymphoma cell growth. Interacts with a 16-kDa Leu-13 protein to form a complex possibly involved in signal transduction. May act as the viral receptor for HCV.
Abbreviation	Recombinant Human CD81 protein, partial
Storage	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.	P60033
Alias	26 kDa cell surface protein TAPA-1Target of the antiproliferative antibody 1Tetraspanin-28 ;Tspan-28; CD81
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	FVNKDQIAKDVKQFYDQALQQAVVDDDANNAKAVVKTFHETLDCCGSSTLTAL TTSVLKNNLCPSGSNIISNLFKEDCHQKIDDLFSGK
Research Area	Immunology
Source	Yeast
Target Names	CD81
Protein Names	Recommended name: CD81 antigenAlternative name(s): 26 kDa cell surface protein TAPA-1 Target of the antiproliferative antibody 1 Tetraspanin-28 Short name= Tspan-28 CD_antigen= CD81
Expression Region	113-201aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	11.8kDa
Protein Length	Extracellular Domain
Image	



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



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP004960HU could indicate that this peptide derived from Yeast-expressed Homo sapiens (Human) CD81.



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Description

Enhance your research in immunology with our Recombinant Human CD81 protein, a partial protein derived from the 113-201aa expression region. This protein, also known as CD81 antigen, 26 kDa cell surface protein TAPA-1, Target of the antiproliferative antibody 1, and Tetraspanin-28, originates from human sources and is produced using yeast expression systems.

Featuring an N-terminal 6xHis tag, our Recombinant Human CD81 protein allows for efficient purification and easy detection during your experiments. The lyophilized powder form ensures stability and quality, while the protein's purity of greater than 90% as determined by SDS-PAGE guarantees a reliable and robust product for your research needs.

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.