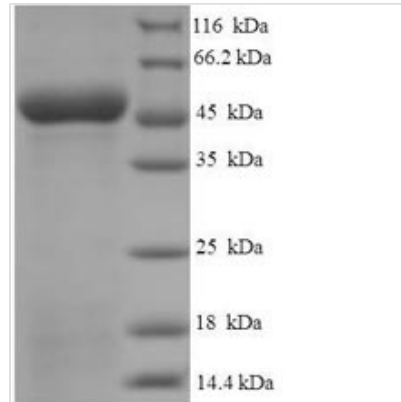




Recombinant Human Antigen-presenting glycoprotein CD1d (CD1D), partial

Product Code	CSB-EP004892HU
Relevance	Antigen-presenting protein that binds self and non-self glycolipids and presents th to T-cell receptors on natural killer T-cells.
Abbreviation	Recombinant Human CD1D 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.	P15813
Alias	R3G1; CD1d
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	EVPQRLFPLRCLQISSFANSSWTRTDGLAWLGELQTHSWSNDSDTVRSCLKPW SQGTFSDQQWETLQHIFRVYRSSFTRDVKEFAKMLRLSYPLELQVSAGCEVH PGNASNFFHVAFQGKDILSFQGTSEPTQEAPLWVNLAIQVLNQDKWTRET VQWLLNGTQPFVSGLLESGKSELKKQVKPKAWLSRGPSPGPGRRLLLVCHVS GFYKPKVWVKWVRGEQEQGTQPGDILPNADETWYLRATLDVVAGEAAGLS CRVKHSSLEGQDIVLYWGGSYTS
Research Area	Immunology
Source	E.coli
Target Names	CD1D
Expression Region	20-301aa
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	47.9kDa
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

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.