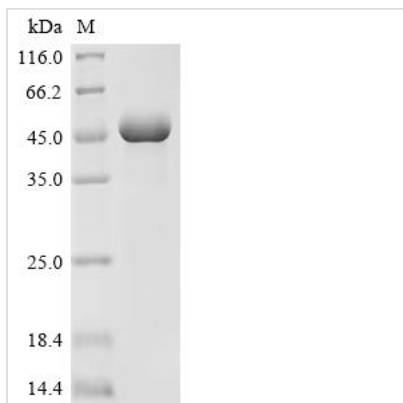


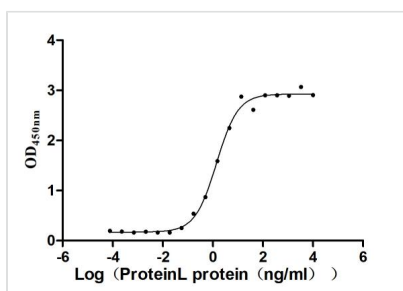


Recombinant *Finnegoldia magna* ATCC 53516 LPXTG-motif cell wall anchor domain protein, partial, Biotinylated (Active)

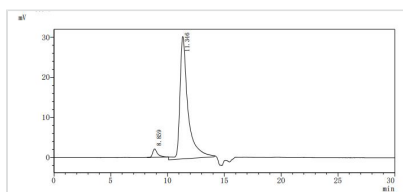
Product Code	CSB-EP5116GUR-B
Abbreviation	Recombinant <i>Finnegoldia</i> HMPREF0391_11247 protein, partial, Biotinylated (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life 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.	D6S9W1
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	<i>Finnegoldia magna</i> ATCC 53516
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized anti-protein L antibody (CSB-RA006163MA1HU) at 2 µg/mL can bind Biotinylated Protein L. The EC50 is 1.123-1.761 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	KEETPETPETDSEEEVTIKANLIFANGSTQTAEFKGTFEKATSEAYAYADTLKK DNGEYTVADVADKGYTLNIFAGKEKTPEEPKKEEVTIKANLIYADGKTQTAEFKGT TFEEATAEAYRYADALKKDNGEYTVADVADKGYTLNIFAGKEKTPEEPKKEEVTI KANLIYADGKTQTAEFKGTTFEEATAEAYRYADLLAKENGGYTVADVADKGYTLNI KFAGKEKTPEEPKKEEVTIKANLIYADGKTQTAEFKGTFAEATAEAYRYADLLAK ENGGYTVADVADKGYTLNIFAGKEKTPEEPKKEEVTIKANLIYADGKTQTAEFKGT GTFEATAEAYRYADLLSKEHGKYTVADVADKGYTLNIFAG
Source	E.coli
Expression Region	106-470aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-Avi-tagged
Mol. Weight	44.2 kDa
Protein Length	Partial
Image	



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



Activity
 Measured by its binding ability in a functional ELISA. Immobilized anti-CTLA4 antibody (CSB-RA006163MA2HU) at 2 µg/ml can bind Biotinylated Protein L. The EC₅₀ is 1.123-1.761 ng/mL.



The purity of Protein L was greater than 95% as determined by SEC-HPLC

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

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.