

ATCC 53516 LPXTG-motif cell wall anchor domain protein Active Protein | ATCC53516 active protein

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

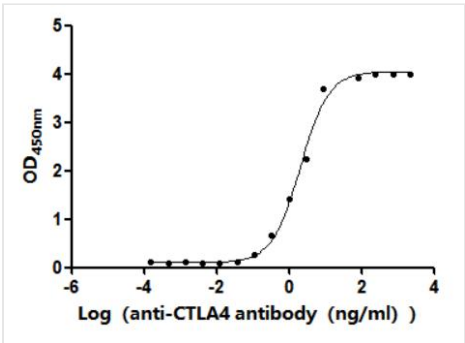
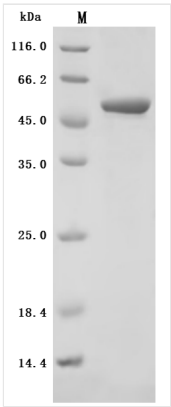
CATALOG # AAA279372	HOST E Coli
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PRODUCT SYNONYMS

ATCC 53516 LPXTG-motif cell wall anchor domain protein; Recombinant *Finegoldia magna* ATCC 53516 LPXTG-motif cell wall anchor domain protein; partial (Active); Protein L; ATCC53516 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	Lyophilized powder; Lyophilized from a 0.2um sterile filtered PBS, 6% Trehalose, pH 7.4
Sequence	KEETPETPET DSEEEVTIKA NLIFANGSTQ TAEFKGTFEK ATSEAYAYAD TLKKNNGEYT VDVADKGYTL NIKFAGKEKT PEEPKEEVTI KANLIYADGK TQTAEFKGTF EEATAEAYRY ADALKKDNGE YTVDVADKGY TLNIKFAGKE KTPEEPKEEV TIKANLIYAD GKTQTAEFKG TFEEATAEAY RYADLLAKEN GKYTVDVADK GYTLNIKFAG KEKTPPEPKE EVTIKANLIY ADGKTQTAEF KGTFAEATAE AYRYADLLAK ENGKYTADLE DGGYTINIRF AGKKVDEKPE EKEQVTIKEN IYFEDGTVQT ATFKGTFAEA TAEAYRYADL LSKEHGKYTA DLEDGGYTIN IRFAG
Sequence Length	106-470aa; Partial
Species	<i>Finegoldia magna</i> ATCC 53516
Tag	C-terminal 6xHis-tagged
Endotoxin	Not test.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized <i>Peptostreptococcus magnus</i> protein L at 2ug/mL can bind anti-CTLA4 recombinant antibody . The EC50 is 1.764-2.413ng/mL.
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 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.



Activity

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

ADDITIONAL INFORMATION

References	Muzny D., Qin X., Buhay C., Dugan-Rocha S., Ding Y., Chen G., Hawes A., Holder M., Jhangiani S.Submitted to EMBL/GenBank/DBJ databases (MAY-2010)
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	D6S9W1
Molecular Weight	47.4kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-atcc53516-active-protein/atcc-53516-lpxtg-motif-cell-wall-anchor-domain-protein/279372>