

Antigen 85-B (fbpB) Recombinant Protein | fbpB recombinant protein

Recombinant Antigen 85-B (fbpB)

CATALOG # AAA115273	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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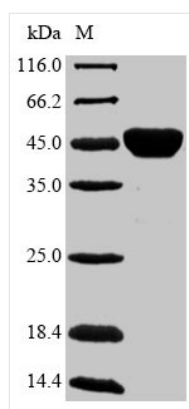
PRODUCT SYNONYMS

Antigen 85-B (fbpB); Recombinant Antigen 85-B (fbpB); Antigen 85-B; Antigen 85 complex B; 85B; Ag85B; Extracellular alpha-antigen; Fibronectin-binding protein B; Mycolyl transferase 85B; EC=2.3.1.-; fbpB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	41-325. Full Length of Mature Protein
Sequence	FSRPGLPVEY LQVPSAAMGR SIKVQFQSGG DNSPAVYLLD GLRAQDDYNG WDINTPAFEW YYQSGLSVIM PVGQSSSFYS DWYSPACGKA GCTTYKWETF LTSELPQWLS ANRSVKPTGS AAVGISMAGS SALILSVYHP QQFIYAGSLs ALMDPSQGMG PSLIGLAMGD AGGYKASDMW GPSSDPAWQR NDPSLHIPEL VANNTRLWIY CGNGTPSELG GANVPAEFLE NFVRSSNLKF QDAYNAAGGH NAVFNLDANG THSWEYWGAQ LNAMKGDQLA SLGAR
Species	Mycobacterium kansasii
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for fbpB recombinant protein	The antigen 85 proteins (FbpA, FbpB, FbpC) are responsible for the high affinity of mycobacteria for fibronectin, a large adhesive glycoprotein, which facilitates the attachment of M.tuberculosis to murine alveolar macrophages (AMs). They also help to maintain the integrity of the cell wall by catalyzing the transfer of mycolic acids to cell wall arabinogalactan and through the synthesis of alpha,alpha-trehalose dimycolate (TDM, cord factor). They catalyze the transfer of a mycoloyl residue from one molecule of alpha,alpha-trehalose monomycolate (TMM) to another TMM, leading to the formation of TDM .
Product Categories/Family for fbpB recombinant protein	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	113655
UniProt Accession #	P21160
Molecular Weight	50.6 kDa
NCBI Official Full Name	Diacylglycerol acyltransferase/mycolyltransferase Ag85B
UniProt Protein Name	Diacylglycerol acyltransferase/mycolyltransferase Ag85B
UniProt Gene Name	fbpB
UniProt Synonym Gene Names	DGAT; 85B; Ag85B; Fbps B
UniProt Entry Name	A85B_MYCKA

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.

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Online datasheet: <https://www.aaabiotech.com/fbpB-recombinant-protein-e-coli/115273>