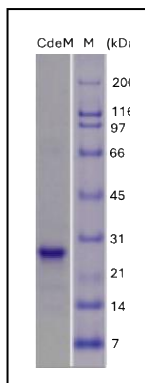


Recombinant CdeM/CD1581 Protein

Catalog Number	Size
AG352-10	10ug
AG352-25	25ug
AG352-B	Bulk

Description



The cysteine-rich protein CdeM (or CD1581 or Sp17) of *Chloridoids difficile* was expressed in E coli system and purified by an affinity column in combination of other chromatograph methods. The resulted protein is a monomeric polypeptide with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 26kDa.

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MENKKCYSEDWYERGESTAKWFQNDREEYEREAYDEDRERRGSNCGCSDS
GENRPRNCERFRREAEIREREAREAFCESEKKKEALAYECEARKLWEEA
EKYWDEYSKYNYKGI EYLAEAAARLFDEGMECEARRNGNNGNNNNCCCHKC
HKCNCNCCRK*
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Accession Number

WP_003436550

Molecular Mass

Approximately 26kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The CdeM (or CD1581) protein is an exosporium morphogenetic protein and essential for the assembly of the exosporium in *B. anthracis* spores. Recombinant CdeM/CD1581 protein can be used for immunization, protein-protein interactions and other related assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. **(Avoid repeated freeze-thaw cycle)**

FOR RESEARCH USE ONLY!!!