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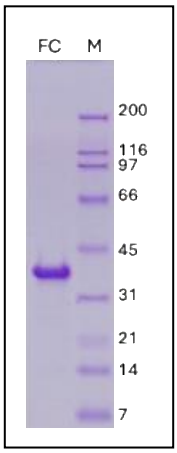
Recombinant FliC/CD0239 Protein

Catalog Number	Size
AG350-10	10ug
AG350-25	25ug
AG350-B	Bulk

Description

Recombinant flagellin FliC protein 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 36kDa.



MRVNTNVSALIANNQMGRNVNAQSKSMEKLSSGVRIKRAADDAAGLAISE
KMRAQIKGLDQAGRNVQDGISVVQTAEGALEETGNILQRMRTLSVQSSNE
TNTAEERQKIADELLQLKDEVERISSSIEFNGKKLLDGSSTEIRLQVGAN
FGTNVAGTSNNNNEIKVALVNTSSIMSKAGITSSTIASLNADGTSGTNAA
KQMVSSLDVALKELNTSRAKLGAQQNRLESTQNNLNNTIENVTAAESRIR
DTDVASEMVNLSKMNILVQASQSMLAQANQQPQGVLQLLGS

Accession Number AF077341

Molecular Mass Approximately 36kDa.

Purity ≥90%, as determined by SDS-PAGE.

Biological Activity FliC, along with FliD proteins play an important role in protection against colonization by C. difficile and subsequent disease outcome. Recombinant FliC protein can be used for immunization 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!!!