

Recombinant *Borrelia burgdorferi* Flagellar filament 41KDA core protein(fla)

Catalog No: #AP70994

Package Size: #AP70994-1 20ug #AP70994-2 100ug #AP70994-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant <i>Borrelia burgdorferi</i> Flagellar filament 41KDA core protein(fla)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-336aaSequence Info:Full Length
Other Names	41KDA antigen;P41
Accession No.	P11089
Calculated MW	51.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MIINHNTSAINASRNNGINAANLSKTQEKLSSGYRINRASDDAAGMGVSGKINAQIRGLSQASRNTSKAINFIQT TEGNLNEVEKVLVRMKELAVQSGNGTYSADRGSIQIEIQLTDEINRIADQAQYNQMHLMSNKSASQNVRTA EELGMQPAKINTPASLSGSQASWTLRVHVGANQDEAIAVNIYAANVANLFSGEGAQTAQAAPVQEGVQQEGA QQPAPATAPSQGGVNSP VNVTTVDANTSLAKIENAIMISDQRANLGAQNRLESIKDSTEYAIENLKASYAQI KDATMTDEVVAATTNSILTQSAMAMIAQANQVPQYVLSLLR
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Component of the core of the flagella.

References

Nucleotide sequence of a gene encoding the *Borrelia burgdorferi* flagellin.Gassmann G.S., Kramer M.D., Goebel U.B., Wallich R.Nucleic Acids Res. 17:3590-3590(1989) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.