

Product Datasheet

Recombinant Flagellin His (C-Term) Protein NBP2-35885-10ug

Unit Size: 10ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Publications: 3

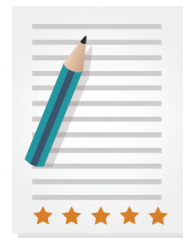
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NBP2-35885-10ug**Recombinant Flagellin His (C-Term) Protein**

Product Information	
Unit Size	10ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	52.7 kDa
Product Description	
Description	A single non-glycosylated polypeptide chain containing 503 amino acids corresponding to Flagellin , with Leu, Glu and 6x His at C-terminus Source: E. coli Uniprot ID: P06179 Amino Acid Sequence: MAQVINTNSL SLLTQNNLNK SQSALGTAIE RLSSGLRINS AKDDAAGQAI ANRFTANIKG LTQASRNAND GISIAQTTEG ALNEINNNLQ RVRELAVQSA NSTNSQSDLD SIQAEITQRL NEIDRVSGQT QFNGVKVLAQ DNTLTIQVGA NDGETIDIDL KQINSQTLGL DTLNVQQKYK VSDTAATVTG YADTTIALDN STFKASATGL GGTDQKIDGD LKFDDTTGKY YAKVTVTGGT GKDGYYEVSVDKTNGEVTLA GGATSPLTGG LPATATEDVK NVQVANADLT EAKAALTAAG VTGTASVVKM SYTDNNGKTI DGGLAVKVGDDYYSATQNKD GSISINTTKY TADDGTSKTA LNKLGADGK TEVVSIGGKT YAASKAEGHN FKAQPDLEA AATTENPLQ KIDAALAQVD TLRSDLGAVQ NRFNSAITNL GNTVNNLTSA RSRIEDSDYA TEVSNSMSRAQ ILQQAGTSVL AQANQVPQNV LSLLRLEHHH HHH A single non-glycosylated polypeptide chain containing 503 amino acids corresponding to Flagellin , with Leu, Glu and 6x His at C-terminus Source: E. coli Uniprot ID: P06179 Amino Acid Sequence: MAQVINTNSL SLLTQNNLNK SQSALGTAIE RLSSGLRINS AKDDAAGQAI ANRFTANIKG LTQASRNAND GISIAQTTEG ALNEINNNLQ RVRELAVQSA NSTNSQSDLD SIQAEITQRL NEIDRVSGQT QFNGVKVLAQ DNTLTIQVGA NDGETIDIDL KQINSQTLGL DTLNVQQKYK VSDTAATVTG YADTTIALDN STFKASATGL GGTDQKIDGD LKFDDTTGKY YAKVTVTGGT GKDGYYEVSVDKTNGEVTLA GGATSPLTGG LPATATEDVK NVQVANADLT EAKAALTAAG VTGTASVVKM SYTDNNGKTI DGGLAVKVGDDYYSATQNKD GSISINTTKY TADDGTSKTA LNKLGADGK TEVVSIGGKT YAASKAEGHN FKAQPDLEA AATTENPLQ KIDAALAQVD TLRSDLGAVQ NRFNSAITNL GNTVNNLTSA RSRIEDSDYA TEVSNSMSRAQ ILQQAGTSVL AQANQVPQNV LSLLRLEHHH HHH
Endotoxin Note	Less than 1 EU/ug of Flagellin as determined by LAL method.

Product Application Details

Applications	In vitro assay, SDS-Page
Recommended Dilutions	In vitro assay, SDS-Page
Application Notes	Use in In vitro assay reported in scientific literature (PMID:35021065)

Publications

Duckworth CA, Campbell BJ, Poroikov V Using systems medicine to identify a therapeutic agent with potential for repurposing in Inflammatory Bowel Disease Dis Model Mech 2020-09-22 [PMID: 32958515]

Rana N, Privitera G, Kondolf HC et al. GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis Cell 2022-01-20 [PMID: 35021065] (In vitro)

Campden R, Warren A, Greene C Et al. Extracellular cathepsin Z signals through the alpha 5 integrin and augments NLRP3 inflammasome activation Journal of Biological Chemistry 2021-12-01 [PMID: 34864055]





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Products Related to NBP2-35885-10ug

NBP3-18158	Recombinant Bacteria Flagellin NLRC4 Mutant His Protein
NBP3-05967-100ul	Flagellin Antibody (06)

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