

Recombinant Bordetella pertussis Pertactin autotransporter(prn),partial

Catalog No: #AP71004

Package Size: #AP71004-1 20ug #AP71004-2 100ug #AP71004-3 1mg

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Description

Product Name	Recombinant Bordetella pertussis Pertactin autotransporter(prn),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:632-910aaSequence Info:Partial
Other Names	P.93
Accession No.	P14283
Calculated MW	45.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	ALSKRLGELRLNPDAGGAWGRGFAQRQQLDNRAGRRFDQKVAGFELGADHAVAVAGGRWHLGGLAGYTR GDRGFTGDGGGGHTDSVHVGGYATYIADSGFYLDATLRASRLNDFKVGASDGYAVKGKYRTHGVGASLEAG RRFTHADGWFLPEQAELAVFRAGGGAYRAANGLRVRDEGGSSVLGRLGLEVGKRIELAGGRQVQPYIKASVL QEFDGAGTVHTNGIAHRTELGRTRAEGLGMAAALGRGHSLYASYEYSKGPKLAMPWTFHAGYRYSW
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

Agglutinin that binds to eukaryotic cells; a process mediated by the R-G-D sequence. Pertactin may have a role in bacterial adhesion, and thus play a role in virulence. May contribute to the disease state of whooping cough.

References

Structure of Bordetella pertussis virulence factor P.69 pertactin.Emsley P., Charles I.G., Fairweather N.F., Isaacs N.W.Nature 381:90-92(1996)Research Topic:Others

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