

Recombinant Bordetella Pertussis FIM3 Protein (26-204 aa), His-tagged

Cat. No. FIM3-2462B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bordetella Pertussis (strain Tohama I/ATCC BAA-589/NCTC 13251) FIM3 Protein (26-204 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Bordetella Pertussis
Source	Yeast
ProteinLength	26-204 aa
Description	Bordetella pertussis is the causative agent of whooping cough. An essential step in the disease process is the attachment of the bacteria to the ciliated epithelium of the respiratory tract, enabling the organism to resist normal host-clearance mechanisms. It is unclear which bacterial cell surface component are responsible for adherence but the fimbriae of B.pertussis are prime candidates for being involved in this process.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	21.2 kDa
AA Sequence	NDGTIVITGSISDQTCVIEEPSTLNHIKVVQLPKISKNALRNDGDTAGATPFDIKLKECP QALGALKLYFEPGITTNYDTGDLIAYKQTYNASGNGNLSTVSSATKAKGVEFRLANL NGQHIRMGTDKTTQAAQTFTGKVTNGSKSYTLRYLASVYKKPKEDVDAAQITSYVG

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	FSVVYP
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

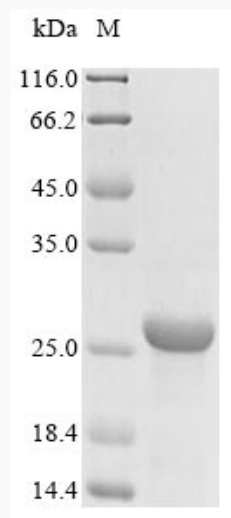
GENE INFORMATION

Gene Name	fim3 serotype 3 fimbrial subunit [Bordetella pertussis Tohama I]
Official Symbol	FIM3
Synonyms	fim3;
Gene ID	2665596
Protein Refseq	NP_880302
UniProt ID	P17835

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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