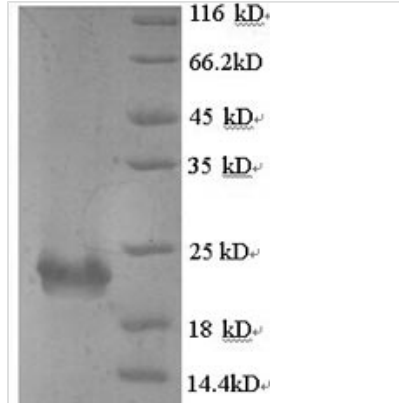


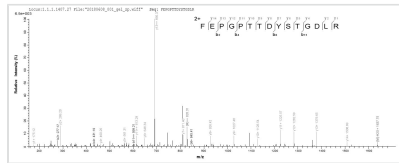


# Recombinant Bordetella pertussis Serotype 2 fimbrial subunit(fim2)

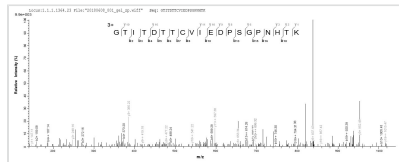
<b>Product Code</b>	CSB-YP356626BUA
<b>Relevance</b>	Bordetella pertussis is the causative agent of whooping cough. An essential step in the disease process is the attachment of the bacteria to the ciliated epithelium of the respiratory tract, enabling the organism to resist normal host-clearance mechanisms. 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.
<b>Storage</b>	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.
<b>Uniprot No.</b>	P05788
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Protein
<b>Species</b>	Bordetella pertussis (strain Tohama I / ATCC BAA-589 / NCTC 13251)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	DDGTIVITGTITD TTCVIEDPSGPNHTKVVQLPKISK NALKANGDQAGRTPFIIKL KDCPSSLGNGVKAYFEPGPTTDYSTGDLRAYKMVYATNPQTQLSNITAATEAQ GVQVRISNLNDSKITMGANEATQQAAGFDPEVQTGGTSRTVTMRYLASVVKK NGDVEASAITTYVGFSSVYP
<b>Research Area</b>	Others
<b>Source</b>	Yeast
<b>Gene Names</b>	fim2
<b>Protein Names</b>	Recommended name: Serotype 2 fimbrial subunit
<b>Expression Region</b>	27-207aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	21.2kDa
<b>Protein Description</b>	Full Length of Mature Protein
<b>Image</b>	



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



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP356626BUA could indicate that this peptide derived from Yeast-expressed *Bordetella pertussis* (strain Tohama I / ATCC BAA-589 / NCTC 13251) fim2.



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