

## Product datasheet for **TP727128**

### **B.subtilis Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant B.subtilis sfp (C-6His)
<b>Species:</b>	B.subtilis
<b>Expression cDNA Clone or AA Sequence:</b>	Met1-Leu224
<b>Tag:</b>	C-6His
<b>Buffer:</b>	Supplied as a 0.2 um filtered solution of 20mMPB,100mMNaCl,pH7.0.
<b>Note:</b>	Recombinant B.subtilis 4'-phosphopantetheinyl transferase sfp/sfp is produced by our E.coli expression system and the target gene encoding Met1-Leu224 is expressed with a 6His tag at the C-terminus.
<b>Stability:</b>	12 months from date of despatch
<b>Summary:</b>	The Bacillus subtilis enzyme Sfp, required for production of the lipopeptide antibiotic surfactin, posttranslationally phosphopantetheinylates a serine residue in each of the seven peptidyl carrier protein domains of the first three subunits (SrfABC) of surfactin synthetase to yield docking sites for amino acid loading and peptide bond formation.



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