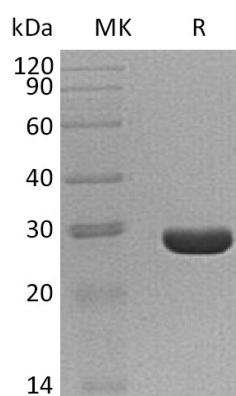


Recombinant B.subtilis sfp (C-6His)(Cat.No.:CH20)

Source:	E.coli
Description:	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.
Accession:	CAA44858.1
Known As:	4'-phosphopantetheinyl transferase sfp; Surfactin synthase-activating enzyme; sfp; lpa-8
Predicted Mol Mass:	27.2 KDa
Apparent Mol Mass:	28 KDa, reducing conditions
Endotoxin:	< 1 EU/μg as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20mM PB, 100mM NaCl, pH 7.0.
Shipping:	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage:	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Background:	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.
Purity-SDS-PAGE:	

Version26.2.3



Greater than 95% as determined by reducing SDS-PAGE. (QC verified)