

Peptide Ligand, *Bacillus subtilis* Spore Binding

Catalog No. NR-9311

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Product Description: NR-9311 is a peptide ligand that binds specifically to spores of *Bacillus subtilis*. The peptide ligand sequence has been modified at the carboxy terminus to allow it to be used in proximity ligation assays.

Lot: PN8048

Manufacturing Date: 02AUG2007

The following information applies to NR-9311:

- Appearance
- Mass spectral analysis
- Counter Ion

White lyophilized powder
Correct MW by MALDI-TOF
Trifluoroacetate

Length	Sequence	Hydrophilicity	MW (amu)	Purity by HPLC ^a	Peptide Content ^b
11	NHFLPKVGGGC	-0.4	1128	98%	68.3%

^a% full-length
^bRemainder is salt and water

	Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
Expected			1.00	1.00		3.00	1.00		1.00	1.00		1.00	1.00					1.00
Actual			0.99	0.00 ^a		3.05	1.02		0.99	1.01		0.99	0.98					1.01

^aCys was completely destroyed during hydrolysis

Date: 09 OCT 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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