Product Specification Summary

Linkers

Catalog Number	26-3200-21
Product Name	Sma I linker phosphorylated; 20 ug
Size	20 ug
Component/Note	Sequence: 5'-pTCCCCCGGGGGA -3'
Component/Note	MW: 3,727

Material Supplied
One tube containing lyophilized oligo linker. The product is supplied as a lyophilized powder. Oligo purity is greater than 98% as determined by denaturing polyacrylamide gel electrophoresis.

Reconstitution
Reconstitute oligo linker in sterile water preferably at 1 µg/ µg. Linkers are short oligos that are supplied in an annealed form. Due to the short size the Tm is low and thus even room temperature storage should be avoided. Always keep them on ice when in use.

Storage
After reconstitution store at -20oC

Description
Linkers are used for various cloning strategies to introduce restriction sites in the DNA after ligation. Linkers are short synthetic palindromic sequences that self anneal to form blunt ended double stranded fragments. Linkers are supplied as phosphorylated and non-phosphorylated forms.
All Gene Link supplied linkers pass stringent quality control protocols of ligation and cleavage. The product is supplied as a lyophilized powder, after reconstitution store at -20oC. Oligo purity is greater than 98% as determined by denaturing polyacrylamide gel electrophoresis

Ligation
1. Follow ligase provider protocol for ligation.
2. Visit Gene Link web site for Ligation Calculator to determine ratio of insert:vector at the following link http://www.genelink.com/tools/gl-lc.asp
3. Conditions for linker ligation is the same as for insertion of DNA fragments into a plasmid vector. The recommended molar ratio of phosphorylated linker:dephosphorylated vector is 10-100:1. When using phosphorylated vector, the linker:vector molar ratio should be >100:1.

Scan the QR Code or visit the following links

Product Infomation http://www.genelink.com/geneprodsite/product.asp?p=151

Product Manual http://www.genelink.com/Literature/ps/Linkers_COA_Ver5.6.pdf

Product MSDS http://www.genelink.com/Literature/ps/MSDSNH.pdf

Related Products

Product	Catalog No	Size
AgeI linker phosphorylated linker; 20ug	26-3200-40	20 ug
SacII linker phosphorylated linker; 20 ug	26-3200-41	20 ug
Bgl II linker phosphorylated; 20 ug	26-3200-05	20 ug
Not I linker non-phosphorylated; 20 ug	26-3200-14	20 ug
Hind III linker non-phosphorylated; 20 ug	26-3200-10	20 ug
Cla I linker non-phosphorylated; 20 ug	26-3200-06	20 ug
Xho I linker non-phosphorylated; 20 ug	26-3200-24	20 ug
EcoR I linker non-phosphorylated; 20 ug	26-3200-08	20 ug
Eag I linker non-phosphorylated; 20 ug	26-3200-30	20 ug
Nhe I linker non-phosphorylated; 20 ug	26-3200-26	20 ug
Apa I linker non-phosphorylated; 20 ug	26-3200-28	20 ug
Pac I linker non-phosphorylated; 20 ug	26-3200-32	20 ug
Pvu I linker phosphorylated; 20 ug	26-3200-19	20 ug
Hind III linker phosphorylated; 20 ug	26-3200-11	20 ug
Cla I linker phosphorylated; 20 ug	26-3200-07	20 ug