
Fusion BioLabs Ready-to-Use Rabbit Naïve scFv Phage Display Library Information

SKU# ADL-09: Ready-to-Use Rabbit Naïve scFv Phage Display Library Kit

Format: scFv with 6xHis Tag and HA Tag and (OmpA leader sequence-VL-Linker-VH-6xHis tag-HA tag)

Diversity: 2.1×10^{10}

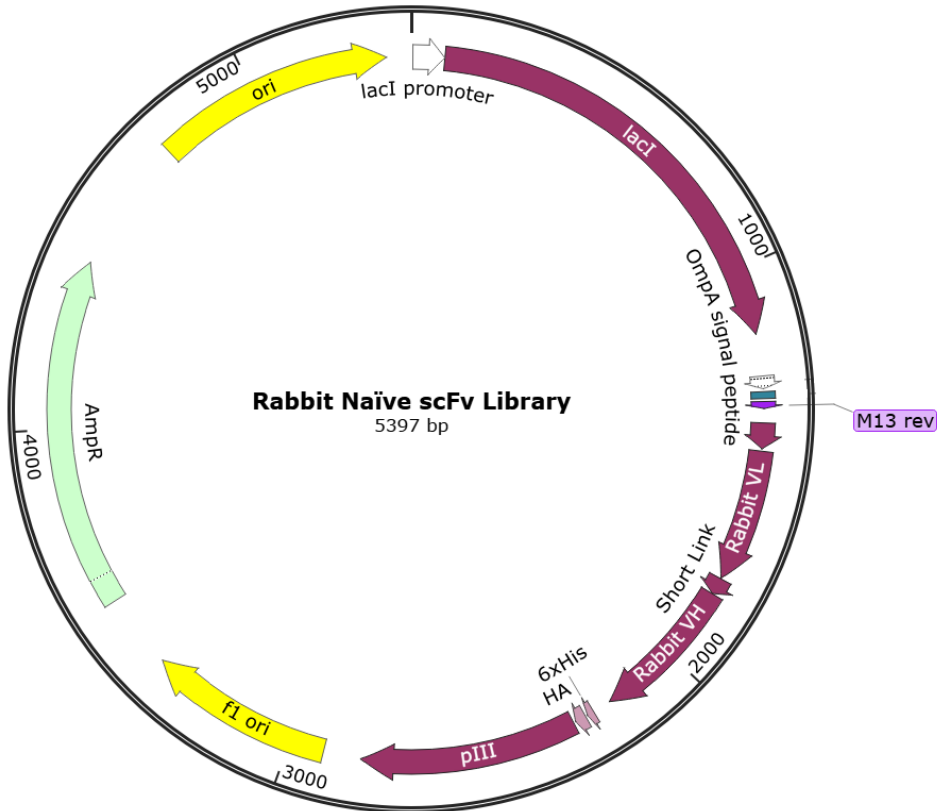
The diversity and in-frame of the library was checked by NGS.

The library was constructed from 4 spleens of NZW SPF rabbits (New Zealand White rabbits that are Specific Pathogen-Free).

Kit contents

The following components are included in the Kit.

Component	Quantity	Composition
Rabbit Naïve scFv Library (ready-to-panning phage; 2.1×10^{12} pfu/ml)	1.0 ml	1×PBS with 50% glycerol
M13KO7 Helper Phage (2×10^{12} pfu/ml)	0.5 ml	1×PBS with 50% glycerol
Chemically Competent TG1 E. coli	0.5 ml	2×YT with 25% Glycerol
M13 Reverse Primer (1.6 μ M)	0.2 ml	1×TE Buffer
pIII Reverse Primer (1.6 μ M)	0.2 ml	1×TE Buffer



Comments for Fusion BioLabs Vector

Rabbit Naïve scFv Library (one clone)

lac I promoter: bases 5-82

lac I ORF: bases 83-1165

M13 Reverse priming site: bases 1331-1347

OmpA leader sequence: bases 1383-1445

Polyhistidine (6xHis) site: bases 2232-2249

HA Hemagglutinin A (HA) epitope: bases 2256-2282

Amber stop codon: bases 2286-2288

pIII engineered ORF: 2289-2822

pIII Reverse priming site: 2320-2336

f1 origin: bases 2915-3370

Ampicillin resistance ORF: bases 3557-4417

pUC origin: bases 4749-5337