

OLIGO NAME	REF#	CHEMISTRY	BASES	
M13 Forward (-20)	UN-PR060-005	DNA	17	
SEQUENCE (5' → 3')				
5' GTA-AAA-CGA-CGG-CCA-GT 3'				
BACKBONE (BASES + LINKAGES)				
A	6 GC (%) ¹	52.9	Quantity (OD@260nm)	0.86
C	4 MW (g.mol ⁻¹) ¹	5228.5	(nmol)	5.0
G	5 Ext. coeff. (l.mol ⁻¹ .cm ⁻¹) ¹	172500	(µg)	26.1
T	2 Tm (°C) ¹	52.0		
Wobbles	0	¹ Theoretical values		
PURIFICATION(S)				
HPLC-RP				
QUALITY CONTROL(S)				
MS - CGE				Passed

DELIVERY CONDITION
Room Temperature
RECONSTITUTION
To make up to 100 µM concentration, add 50 µl of recommended buffer. To make up to 20 µM concentration, add 250 µl of recommended buffer. To make up to 5 µM concentration, add 1000 µl of recommended buffer.
LONG TERM STORAGE
-20 °C

COMMENTS	
General: Tm (°C) calculated with 50 mM NaCl and 0 % formamide (PCR conditions) Specific:	
TECHNICAL SUPPORT	
If you have any questions feel free to call our Oligo Centre	
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