

Category	Mammalian expression	File No.
Plasmid	pRK5-T β RImL45(TD)-FLAG	A.K.A. XF144Fm1TD
Description	C-terminal FLAG tagged rat constitutively active T β RI (R4) with L45 loop mutation	
Reference	Yu et al., 2002, EMBO J., 21, 3749-59.	
Insert	R4mL45(T202D)	Tag (end) FLAG(C)
Vector	pRK5F	Vector sites EcoRI/Sall
Expression	Mammalian	Selection Amp
Constructed by	Li Yu	Date
Method Construction	Cloning XbaI fragment of pRK5-T β RImL45 into XbaI site of pRK5-T β RI(T202D).	

Sequence infomation**Mutations:**

T202D: 5' - ACA ATT GCA AGG gaC ATT GTG CTA C-3'
 T I A R D202 I V L

L45 loop: 5' - GCA GAC gca AAA Gca gca GGT ACA TGG-3'
 A D A265 K A267 A268 G T W

