

TGFβ/Activin pathway

Symbol	Alternative Name	Function	t _{1/2} (basal)	t _{1/2} (stim)	t _{1/2} (used)	Reference
TGFBR1	TGFR1	receptor	4-6h ~12h	~12h	8.5h	(Kavsak <i>et al</i> , 2000) (Koli and Arteaga, 1997)
TGFBR2	TGFR2	receptor	~1h ~1h	~0.75h	1h	(Koli <i>et al</i> , 1997) (Kavsak <i>et al</i> , 2000)
SMAD2	Smad2	TF	>>4h ~10h ~3h ~8h	~3h ~3h >>9h >>9h	9h	(Bourillot <i>et al</i> , 2002) (Lo and Massague, 1999) (Funaba <i>et al</i> , 2002) (Xu and Attisano, 2000) (Pierreux <i>et al</i> , 2000a) (Pierreux <i>et al</i> , 2000a)
SMAD3	Smad3	TF	>>4.5h ~6h	~4.5h	7.5h	(Fukuchi <i>et al</i> , 2001) (Xin <i>et al</i> , 2005)
SMAD4	Smad4	TF	 ~12h ~6h >24h ~8h ~16h ~10h ~8h >10h >10h	 >>9h >>9h	12h	(Pierreux <i>et al</i> , 2000a) (Pierreux <i>et al</i> , 2000a) (Dupont <i>et al</i> , 2005) (Xu <i>et al</i> , 2000) (Moren <i>et al</i> , 2003) (Saha <i>et al</i> , 2001) (Wan <i>et al</i> , 2004) (Liang <i>et al</i> , 2004) (Maurice <i>et al</i> , 2001) (Moren <i>et al</i> , 2003) (Wan <i>et al</i> , 2002)
TGIF1	TGIF	Inhibitor	~1h <0.5h		0.75h	(Seo <i>et al</i> , 2004) (Lo <i>et al</i> , 2001)
SMAD7	Smad7	Inhibitor	~3h	~1h	1h	(Gronroos <i>et al</i> , 2002)
SKIL	SnoN	Inhibitor	~1h ~4-5h	~0.2h ~1h ~0.5h	0.5h	(Sun <i>et al</i> , 1999) (Wan <i>et al</i> , 2001) (Stroschein <i>et al</i> , 1999)
SKI	Ski	Inhibitor	~1.6h	~0.5h	1.6h	(Sun <i>et al</i> , 1999)