

PI3K pathway

Symbol	Alternative Name1	Function	t _{1/2} (basal)	t _{1/2} (stim)	t _{1/2} (used)	Reference
IRS1	IRS-1	Adaptor	~8h >24h ~15h >8h ~20h	~2h ~9h	15h	(Tzatsos and Kandror, 2006) (Shah <i>et al.</i> , 2004) (Lee <i>et al.</i> , 2000) (Lingohr <i>et al.</i> , 2006) (Lingohr <i>et al.</i> , 2006)
IRS2	IRS-2	Adaptor	~2h >24h		13h	(Lingohr <i>et al.</i> , 2006) (Shah <i>et al.</i> , 2004)
PIK3R1	P85 α	PI-3'-Kinase	>8h ~9h		9.5h	(Lingohr <i>et al.</i> , 2006) (Brachmann <i>et al.</i> , 2005)
PIK3CB	p110 α	PI-3'-Kinase	~7.3h		7.3h	(Brachmann <i>et al.</i> , 2005)
PTEN	PTEN	PI-3'-PPase	~30h >>4h ~10h ~2h		9h	(Edwin <i>et al.</i> , 2006) (Torres and Pulido, 2001) (Vazquez <i>et al.</i> , 2000) (Birle <i>et al.</i> , 2002)
AKT1	Akt/PKB	Kinase	>>6h ~36h ~2h >8h	~3h	10h	(Fujio <i>et al.</i> , 1999) (Yung <i>et al.</i> , 2007) (Arteaga <i>et al.</i> , 2006) (Lingohr <i>et al.</i> , 2006)
TSC2	Tuberin	GAP	6h		6h	(Lu <i>et al.</i> , 2004)
FRAP1	mTOR	Kinase	>>4h		8h	(Sarbassov <i>et al.</i> , 2006)
GSK3A	GSK3 α	Kinase	>>12h		16h	(Cole <i>et al.</i> , 2004)
GSK3B	GSK3 β	Kinase	>>12h		16h	(Cole <i>et al.</i> , 2004)