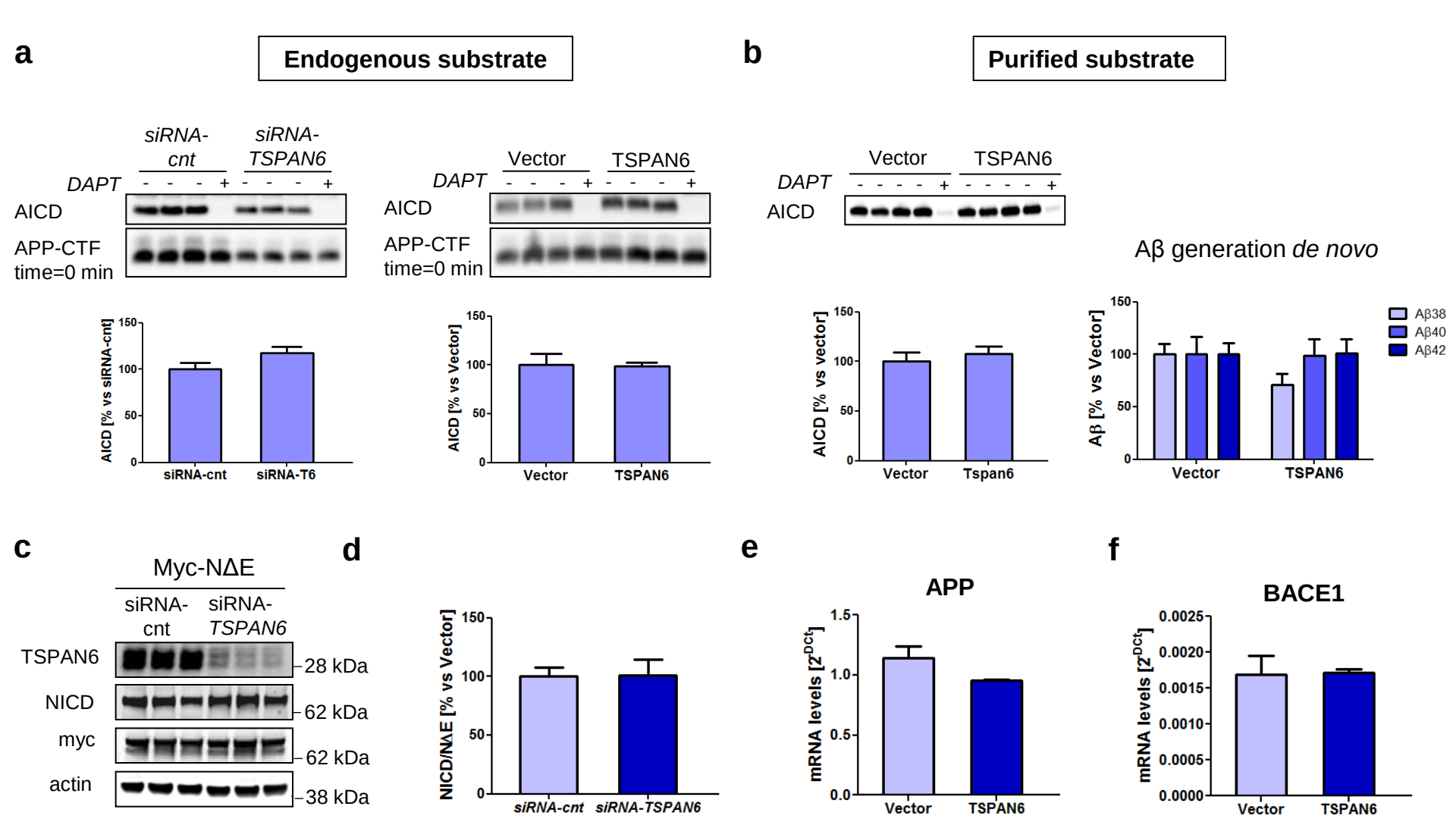
a
Endogenous substrate
siRNA-cnt
siRNA-TSPAN6
DAPT
AICD
APP-CTF time=0 min
AICD [% vs siRNA-cnt]
siRNA-cnt
siRNA-T6
Vector
TSPAN6
AICD [% vs Vector]
b
Purified substrate
Tspan6
Aβ generation de novo
Aβ [% vs Vector]
Aβ38
Aβ40
Aβ42
c
Myc-NΔE
TSPAN6
NICD
myc
actin
28 kDa
62 kDa
38 kDa
d
NICD/NΔE [% vs Vector]
siRNA-cnt
siRNA-TSPAN6
e
APP
mRNA levels [2-DCt]
f
BACE1