

Knock Down Validation Datasheet for Target Gene: (BECN1)

Experimental procedure:

A549 cells were either non transduced or transduced with control vector Ad-U6 Stop or Knock Down vector Ad-sh-BECN1 at a **Multiplicity Of Transduction (MOI)** of 200. Extracts of total cellular protein were prepared 60h post transduction and BECN1 expression levels were quantified by Western Blot analysis using an anti BECN1 antibody

Adenoviral Vector: Ad-sh-BECN1

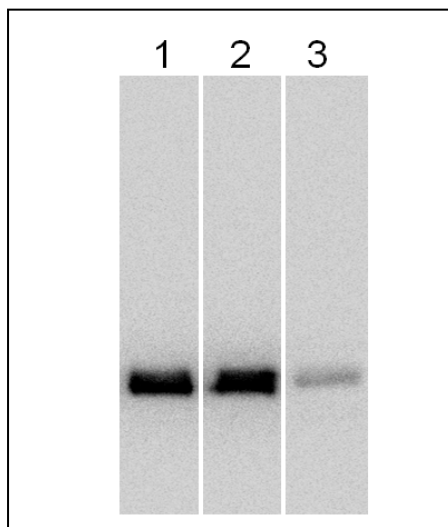


Fig. 1

Western Blot showing BECN1 expression in extracts prepared from A549 cells (lane 1), A549 cells transduced with control vector (lane 2) and with the adenoviral vector Ad-sh BECN1 expressing a shRNA directed against BECN1 mRNA (lane 3).

Product Summary

Target gene	BECN1
Species	Human
Ref.Seq Accession #	NM_003766
KD-Vector	Ad-sh-BECN1
Cell line used for KD validation	A549
Antibody used for validation	CST antibody #3738
KD relative to non transduced cells	75%
KD relative to cells transduced with control virus	80%