abcam

Product datasheet

Human CD2BP2 knockout HCT116 cell lysate ab258808

2 Images

Overview

Product name	Human CD2BP2 knockout HCT116 cell lysate
Product overview	Knockout cell lysate achieved by CRISPR/Cas9.
Parental Cell Line	HCT116
Organism	Human
Mutation description	Knockout achieved by using CRISPR/Cas9, 1 bp deletion in exon2 and Insertion of the selection cassette in exon2.
Passage number	<20
Knockout validation	Sanger Sequencing
Reconstitution notes	To use as WB control, resuspend the lyophilizate in 50 µL of LDS* Sample Buffer to have a final concentration of 2 mg/ml. For reducing conditions, we recommend a final concentration of 0.1 M DTT. **Usage of SDS sample buffer is not recommended with these lyophilized lysates.*
Notes	**Lysate preparation:** Our lysates are made using RIPA buffer to which we add a protease inhibitor cocktail and phosphatase inhibitor cocktail (ratio: 300:100:10). *This means that the protein of interest is denatured.* If you require a native form of the protein please use the live cell version - found here. Please refer to our lysis protocol for further details on how our lysates are prepared. **User storage instructions:** After reconstitution, store the lysate at -80°C. Access thousands of knockout cell lysates, generated from commonly used cancer cell lines. See here for more information on knockout cell lysates. Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances. It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses. This product is subject to limited use licenses from The Broad Institute, ERS Genomics Limited and Sigma-Aldrich Co. LLC, and is developed with patented technology. For full details of the licenses and patents please refer to our limited use license and patent pages.

Properties

Storage instructions	Store at -80°C. Please refer to protocols.

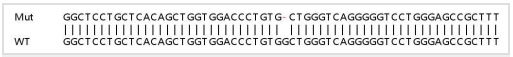
Components	**1 kit**
ab263681 - Human CD2BP2 knockout HCT116 cell lysate (Lyophilized)	1 x 100µg
ab255555 - Human wild-type HCT116 cell lysate (Lyophilized)	1 x 100µg

Cell type	epithelial
Disease	Carcinoma
STR Analysis	Amelogenin X D5S818: 10, 11 D13S317: 10, 12 D7S820: 11, 12 D16S539: 11, 13 vWA: 17, 22 TH01: 8,9 TPOX: 8, 9 CSF1PO: 7, 10

Target

Function	Involved in pre-mRNA splicing as component of the U5 snRNP complex that is involved in spliceosome assembly.
Sequence similarities	Contains 1 GYF domain.
Cellular localization	Cytoplasm. Nucleus. Predominantly nuclear.

Images



Sanger Sequencing - Human CD2BP2 knockout HCT116 cell lysate (ab258808)

Allele-1: 1 bp deletion in exon2

Sanger Sequencing - Human CD2BP2 knockout HCT116 cell lysate (ab258808)

Allele-2: Insertion of the selection cassette in exon2

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