

CELF1 siRNA (Mouse)

Catalog #	Source	Reactivity	Applications
CRM0914	Synthetic	M	RNAi
Description	siRNA to inhibit CELF1 expression using RNA interference		
Specificity	CELF1 siRNA (Mouse) is a target-specific 19-23 nt siRNA oligo duplexes designed to knock down gene expression.		
Form	Lyophilized powder		
Gene Symbol	CELF1		
Alternative Names	BRUNOL2; CUGBP; CUGBP1; CUGBP Elav-like family member 1; CELF-1; 50 kDa nuclear polyadenylated RNA-binding protein; Brain protein F41; Bruno-like protein 2; CUG triplet repeat RNA-binding protein 1; CUG-BP1; CUG-BP- and ETR-3-like factor 1; Deadenylation		
Entrez Gene	13046 (Mouse)		
SwissProt	P28659 (Mouse)		
Purity	> 97%		
Quality Control	Oligonucleotide synthesis is monitored base by base through trityl analysis to ensure appropriate coupling efficiency. The oligo is subsequently purified by affinity-solid phase extraction. The annealed RNA duplex is further analyzed by mass spectrometry to verify the exact composition of the duplex. Each lot is compared to the previous lot by mass spectrometry to ensure maximum lot-to-lot consistency.		
Components	We offers pre-designed sets of 3 different target-specific siRNA oligo duplexes of mouse CELF1 gene. Each vial contains 5 nmol of lyophilized siRNA. The duplexes can be transfected individually or pooled together to achieve knockdown of the target gene, which is most commonly assessed by qPCR or western blot.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

Component	15 nmol	30 nmol
CELf1 siRNA (Mouse) - A	5 nmol x 1	5 nmol x 2
CELf1 siRNA (Mouse) - B	5 nmol x 1	5 nmol x 2
CELf1 siRNA (Mouse) - C	5 nmol x 1	5 nmol x 2
Negative Control	2.5 nmol x 1	2.5 nmol x 2
DEPC Water	1 ml x 1	1 ml x 2

Directions for Use

We recommends transfection with 10 nM - 100 nM siRNA 48 to 72 hours prior to cell lysis. Before resuspending, briefly centrifuge the tube to ensure the lyophilized siRNA is at the bottom of the tube. Resuspend the siRNA oligos to an appropriate concentration with DEPC water. For example, resuspend one tube of 5 nmol siRNA oligo in 250 μ l of DEPC water to get a final concentration of 20 μ M.

Plate	Final volume of medium	Final concentration of siRNA	siRNA (20 μ M)	Lipofectamin 2000
96-well	100 μ l	100 nM	0.5 μ l	0.25 μ l
		50 nM	0.25 μ l	0.25 μ l
		10 nM	0.05 μ l	0.25 μ l
24-well	500 μ l	100 nM	2.5 μ l	1 μ l
		50 nM	1.25 μ l	1 μ l
		10 nM	0.25 μ l	1 μ l
12-well	1 ml	100 nM	5 μ l	2 μ l
		50 nM	2.5 μ l	2 μ l
		10 nM	0.5 μ l	2 μ l
6-well	2 ml	100 nM	10 μ l	5 μ l
		50 nM	5 μ l	5 μ l

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com

Product Data Sheet

10 nM

1 μ l

5 μ l

Storage/Stability

Shipped at 4 °C. Store at -20 °C for one year.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com