CCDC65 siRNA – Coiled-Coil Domain-Containing Protein 65 (Mouse)

PRODUCT OVERVIEW

Product Name	CCDC65, siRNA
Full Product Name	CCDC65 siRNA (Mouse)
Product Gene Name	CCDC65 sirna
Product Synonym Names	Coiled-coil domain-containing protein 65; Testis development protein NYD-SP28
Host	Synthetic
Species Reactivity	Mouse
Form/Format	Lyophilized powder
Purity/Purification	> 97%
Specificity	CCDC65 siRNA (Mouse) is a target-specific 19-23 nt siRNA oligo duplexes designed to knock down gene expression.
Preparation and Storage	Shipped at 4 degree C. Store at -20 degree C for one year.
Molecular Weight	12,172 Da
3D Structure	ModBase 3D Structure for Q8VHI7
Negative Control	siRNA Negative Control (Catalog# MBS8241404) is a non-targeting 21 nt siRNA recommended as a negative control for experiments using targeted siRNA transfection.
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.
Directions for Use	We recommends transfection with 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 each vial, suitable for 250 transfections in 24 well plate (20 pmol for each well).
Components	We offer pre-designed sets of 3 different target-specific siRNA oligo duplexes of mouse CCDC65 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. Our siRNA oligos are also chemically modified (2'-OMe) at no extra charge for increased stability and enhanced knockdown in vitro and in vivo.
Applications Tested/Suitable for CCDC65 sirna	RNA Interference (RNAi)
Related Product Information for CCDC65 sirna	MBS8220742 is an siRNA targeting CCDC65. Also known as CCDC65 siRNA (Mouse). Reactive in Mouse. Host: Synthetic. siRNA to inhibit CCDC65 expression using RNA interference
Other Notes	Small volumes of CCDC65 sirna vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCDC65. It may not necessarily be applicable to this product.

NCBI GI #	23943818

NCBI GeneID	105833
NCBI Accession #	NP_705738.1
UniProt Primary Accession #	Q8VHI7
UniProt Secondary Accession #	Q6PAP9
UniProt Related Accession #	Q8VHI7
GenBank Nucleotide #	NM_153518.1
NCBI Official Full Name	coiled-coil domain-containing protein 65
NCBI Official Synonym Full Names	coiled-coil domain containing 65
NCBI Official Symbol	Ccdc65
NCBI Official Synonym Symbols	AI428139; AU020178; NYD-SP28; 4933417K04Rik
UniProt Protein Name	Coiled-coil domain-containing protein 65
UniProt Synonym Protein Names	Testis development protein NYD-SP28
Protein Family	Coiled-coil domain-containing protein
UniProt Gene Name	Ccdc65
UniProt Entry Name	CCD65_MOUSE
NCBI Protein Information	coiled-coil domain-containing protein 65
UniProt Comments for CCDC65	CCDC65: 2 isoforms of the human protein are produced by alternative splicing.
Research Articles on CCDC65	**1.** Ccdc65 is most abundantly expressed in tissues rich in highly ciliated cells, such as olfactory sensory neurons, and is predicted to be important to cilia.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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