ZNF585A siRNA – Zinc Finger Protein 585a Isoform B (Human)

PRODUCT OVERVIEW

Product Name	ZNF585A, siRNA
Full Product Name	ZNF585A siRNA (Human)
Product Gene Name	ZNF585A sirna
Product Synonym Names	Zinc finger protein 585A
Host	Synthetic
Species Reactivity	Human
Form/Format	Lyophilized powder
Purity/Purification	> 97%
Specificity	ZNF585A siRNA (Human) 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	46,686 Da
3D Structure	ModBase 3D Structure for Q6P3V2
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 human ZNF585A 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 ZNF585A sirna	RNA Interference (RNAi)
Related Product Information for ZNF585A sirna	MBS8216402 is an siRNA targeting ZNF585A. Also known as ZNF585A siRNA (Human). Reactive in Human. Host: Synthetic. siRNA to inhibit ZNF585A expression using RNA interference
Other Notes	Small volumes of ZNF585A 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 ZNF585A. It may not necessarily be applicable to this product.

NCBI GI #	571330764

NCBI GeneID	199704
NCBI Accession #	NP_001275729.1
UniProt Primary Accession #	Q6P3V2
UniProt Secondary Accession #	Q8TE95; Q96MV3
UniProt Related Accession #	Q6P3V2
GenBank Nucleotide #	NM_001288800.1
NCBI Official Full Name	zinc finger protein 585A isoform b
NCBI Official Synonym Full Names	zinc finger protein 585A
NCBI Official Symbol	ZNF585A
UniProt Protein Name	Zinc finger protein 585A
Protein Family	Zinc finger protein
UniProt Gene Name	ZNF585A
UniProt Entry Name	Z585A_HUMAN
NCBI Protein Information	zinc finger protein 585A
UniProt Comments for ZNF585A	ZNF585A: May be involved in transcriptional regulation. Belongs to the krueppel C2H2-type zinc-finger protein family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: C2H2-type zinc finger protein; Transcription regulation Chromosomal Location of Human Ortholog: 19q13.12 Cellular Component: nucleus Molecular Function: nucleic acid binding; metal ion binding; transcription factor activity Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent
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