BTF3L4 siRNA – Transcription Factor BTF3 Homolog 4 (Mouse)

PRODUCT OVERVIEW

Product Name	BTF3L4, siRNA
Full Product Name	BTF3L4 siRNA (Mouse)
Product Gene Name	BTF3L4 sirna
Product Synonym Names	Transcription factor BTF3 homolog 4; Basic transcription factor 3-like 4
Host	Synthetic
Species Reactivity	Mouse
Form/Format	Lyophilized powder
Purity/Purification	> 97%
Specificity	BTF3L4 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	17,271 Da
3D Structure	ModBase 3D Structure for Q9CQH7
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 BTF3L4 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 BTF3L4 sirna	RNA Interference (RNAi)
Related Product Information for BTF3L4 sirna	MBS8202649 is an siRNA targeting BTF3L4. Also known as BTF3L4 siRNA (Mouse). Reactive in Mouse. Host: Synthetic. siRNA to inhibit BTF3L4 expression using RNA interference
Other Notes	Small volumes of BTF3L4 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 BTF3L4. It may not necessarily be applicable to this product.

NCBI GI #	29789195

NCBI GeneID	70533
NCBI Accession #	NP_081729.1
UniProt Primary Accession #	Q9CQH7
UniProt Related Accession #	Q9CQH7
GenBank Nucleotide #	NM_027453.2
NCBI Official Full Name	transcription factor BTF3 homolog 4
NCBI Official Synonym Full Names	basic transcription factor 3-like 4
NCBI Official Symbol	Btf3l4
NCBI Official Synonym Symbols	AI316863; AU022207; AW552446; 4632412E09Rik; 5730434I03Rik
UniProt Protein Name	Transcription factor BTF3 homolog 4
UniProt Synonym Protein Names	Basic transcription factor 3-like 4
Protein Family	Transcription factor
UniProt Gene Name	Btf3l4
UniProt Entry Name	BT3L4_MOUSE
NCBI Protein Information	transcription factor BTF3 homolog 4
UniProt Comments for BTF3L4	BTF3L4: Belongs to the NAC-beta family. 2 isoforms of the human protein are produced by alternative splicing.
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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