Datasheet for ABIN3284289

Human EXOSC2 siRNA Oligo

Overview

Quantity:	1 kit
Gene:	EXOSC2
Species:	Human
Oligo-Type:	siRNA Oligo
Application:	RNA Interference (RNAi)

Product Details

Purpose:	siRNA (27 mer) kit with 3 gene-specific unique siRNA duplexes and negative control for gene knockdown.
Brand:	Trilencer-27
Sequence:	Available with shipment
Purification:	HPLC purified
Components:	• EXOSC2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each • Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol • RNAse free siRNA Duplex Resuspension Buffer - 2 ml

Target Details

Gene:	EXOSC2
Alternative Name:	EXOSC2 (EXOSC2 Products)

Application Details

Application Notes:	• No. of transfections: Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM) • Quality Control: Tested by ESI-MS

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	• 2 nmoles of each duplex is provided (including the control duplex). Addition of 100 µL of RNase-free Duplex Buffer will result in 20 µM final concentration, vortex thoroughly and microfuge prior to use. • Heat to 94 °C for 2 minutes, remove from heat and allow tube to cool to room temperature. The oligos were dried in duplex form so heating may not be necessary, however following this protocol ensures that the contents will be fully duplexed.
Storage:	-20 °C
Storage Comment:	The dried duplexes can be stored at 4 °C. However, once reconstituted with dH2O, the plasmids must be stored at -20°C.
Expiry Date:	12 months

Publications

Product cited in:	Thauerer, Voegele, Hermann-Kleiter, Thuille, de Araujo, Offterdinger, Baier, Huber, Baier-Bitterlich : "LAMTOR2-mediated modulation of NGF/MAPK activation kinetics during differentiation of PC12 cells." in: **PLoS ONE**, Vol. 9, Issue 4, pp. e95863, (2014) (PubMed).