Product Specification Summary

Single Cell RNA Sequencing: MULTI-seq LMO

Catalog Number	26-2204-20
Product Name	MULTI-Seq LMO Palm Co-Anchor; 20 nmols
Size	20 nmols
Description	Single Cell RNA Sequencing: MULTI-Seq LMO Palm Co-Anchor
Component/Note	Single Cell RNA Sequencing: MULTI-Seq LMO Palm Co-Anchor

We offer custom oligo synthesis of your designed sequences for conjugation to lignoceric acid and palmitic acid for MULTI-seq: sample multiplexing for single-cell RNA sequencing. Contact Gene Link support@genelink.com

Lipid modified oligos (LMO; lignoceric, palmitic, cholesterol etc.); These LMO rapidly and stably incorporate into the plasma membrane of live cells by step-wise assembly. McGinnis, C. et al. (1) adapted LMOs into MULTI-seq: scRNA-seq (single-cell) and snRNA-seq (single-nucleus) sample multiplexing using lipid-tagged indices. MULTI-seq localizes sample barcodes to live cells and nuclei regardless of species or genetic background while preserving cell viability and endogenous gene expression patterns.

MULTI-Seq LMO Lig Anchor and MULTI-Seq LMO Palm Co-Anchor oligos are lignoceric and palmitic acid conjugated oligos as described by McGinnis, C. et al. (1)

Gene Link also offers custom conjugation of Lignoceric and Palmitic acid to other sequences. Contact Gene Link at support@genelink.com for custom modified oligos.

1. McGinnis, C. et al. MULTI-seq: sample multiplexing for single-cell RNA sequencing using lipid-tagged indices. Nat. Methods 16, 619-626 (2019).

Scan the QR Code or visit the following links

Product Infomation http://www.genelink.com/geneprodsite/product.asp?p=17502

Product Manual http://www.genelink.com/Literature/ps/PS26-220X-LMO_RNA-Seq_V3.pdf

Product MSDS http://www.genelink.com/Literature/ps/MSDSNH.pdf

Related Products

Product	Catalog No	Size
MULTI-Seq LMO Lig-Anchor; 2 nmols	26-2202-02	2 nmols
MULTI-Seq LMO Palm Co-Anchor; 2 nmols	26-2204-02	2 nmols
MULTI-Seq LMO Lig-Anchor; 5 nmols	26-2202-05	5 nmols
MULTI-Seq LMO Lig-Anchor; 10 nmols	26-2202-10	10 nmols
MULTI-Seq LMO Lig-Anchor; 20 nmols	26-2202-20	20 nmols
MULTI-Seq LMO Palm Co-Anchor; 5 nmols	26-2204-05	5 nmols
MULTI-Seq LMO Palm Co-Anchor; 10 nmols	26-2204-10	10 nmols
MULTI-Seq LMO Palm Co-Anchor; 20 nmols	26-2204-20	20 nmols