

SPECIFICATION SHEET

Product Name: Cas13 ssRNA Reporter (FAM/Biotin)**Catalog # CS13-58**

Product Description: A 5' FAM/3' Biotin dual-labeled ssRNA reporter optimized for CRISPR-Cas13-based RNA detection. Activated Cas13 cleaves the reporter via collateral (trans) cleavage, producing a visual signal for lateral flow assay (LFA) applications.

Storage and Stability: Store at 15-30°C for transportation process up to ten days but long-term storage should be at -20°C. After reconstitution, aliquot product into smaller quantities to avoid repeated handling and multiple freeze/thaw cycles.

Appearance : White to off-white lyophilized powder in dark tube

Reconstitution Protocol : Rehydrate in 100µL nuclease-free water to make a stock solution with a concentration of 100µM. Prior to use, dilute the stock solution with nuclease-free water to a working concentration of 10µM, and add it to the CRISPR cleavage reaction system according to the required concentrations.

Recommendation : Always include RNase inhibitor at recommended concentrations in Cas enzyme reactions

Related Products This product can be used for experiments related to the following products:

Product Name	Catalog Number
LbuCas13a, Active	CS13A-E322U
LwCas13a, Active	CS13A-E321H