

Product Name: Anti-human EGFR aptamer, Janelia Fluor® 646 conjugate

Cat. No. 6556

Reconstitution protocol

Reconstitute the aptamer at 30-100 μ M in sterile deionized H₂O and ensure the aptamer has fully dissolved. We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials protected from light at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day. Repeated freeze thaw cycles should be avoided.

Refolding protocol

Prior to use, dilute the aptamer at an assay dependent concentration in PBS buffer containing 5 mM MgCl₂. Heat the solution at 95°C for 5 min, and incubate for 15 min at room temperature.

Live cell staining

Please refer to the following publication for further information:

Gomes de Castro *et al* (2017) Aptamers provide superior stainings of cellular receptors studied under super-resolution microscopy. Send to **12** e0173050. PMID: [28235049](https://pubmed.ncbi.nlm.nih.gov/28235049/).