

## PRODUCT DATA SHEET

### ProteoColor™ PlixBeads™ – 5 µm Diameter

Authorized for research use only

#### Contents

The vial(s) contains carboxyl functionalized, 5 µm acrylic beads encoded with fluorescent, composition-tunable nanocrystals. Blank beads are not encoded with nanocrystals. There are approximately  $1.46 \times 10^7$  beads per mg. The beads are shipped in deionized water with 0.01% sodium azides.

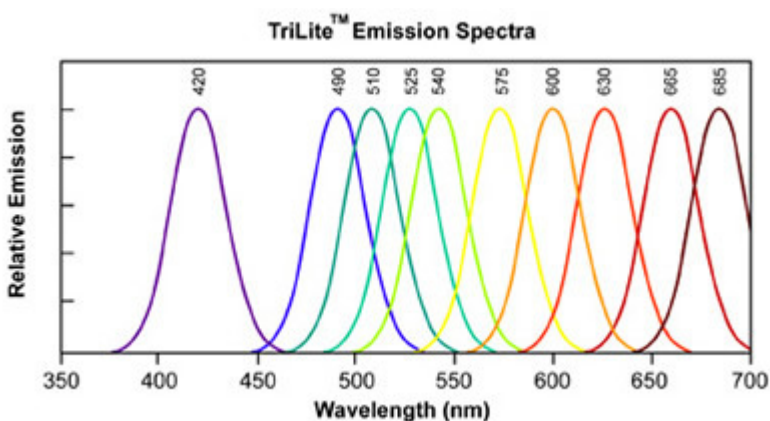
#### Instructions

The beads should be stored between 2 and 25 °C in the dark. Beads may be centrifuged (1000 G, 5 minutes) to change solvent if desired. If beads aggregate, follow directions below to disperse. Binding ligands to surface carboxylic acids can be accomplished with EDC in TBS in a pH range of 6.5 - 8.0 by following our recommended Protein Binding Protocol.

#### Bead dispersion protocol

- 1) Vortex, 10 seconds
- 2) Shake vigorously by hand, 5 seconds
- 3) Sonicate, 20 seconds (vortex 50 seconds if sonicator not available)
- 4) Repeat three times

#### Spectra



*PlixBeads is a trademark of Crystalplex Corp.*