

**Complete Serum-Free Medium Kit with Recombinant Rocket Fuel™ (SF-4Z0-500-R)**

**Product Description:** This medium is recommended for use with a stable proliferating culture when Serum Free conditions are required for experimentation. For thawing and plating of cells, we recommend Media with Serum. This becomes a complete medium once activated with the included RocketFuel-R™ supplement (human recombinant growth factor). Medium contains no added hormones or antibiotics, however, Bac-Off® (Cat. #4Z0-643) antibiotic solution is recommended for all Cell Systems media. The serum-free formulations:

- Are based on a modified and optimized basal DMEM/F12 (1:1)
- Does contain Albumin
- Does not contain Serum
- Does contain phenol red

Cell Systems media and reagents are sterile, made with WFI and all components are cGMP and ISO Compliant.

**Components:** Kit consists of 500mL Medium, 8mL RocketFuel-R™ (Cat #SF-4ZR-500-R, containing human recombinant growth factors) and 10mL Attachment Factor™ (Cat #4Z0-201, extracellular matrix reagent for coating flasks).

**Storage:** Immediately refrigerate (2 - 8°C) the medium, RocketFuel-R™, and AttachmentFactor™. If the entire 500mL unit of media will not be used within 30 days, supplement the medium with RocketFuel-R™, then aliquot and freeze in smaller units, which must be used within 30 days. Once the unit is supplemented, or

any component of the medium kit is opened, the shelf life is 30 days at refrigerated (2 - 8°C) temperatures. Store AttachmentFactor™ at 2 - 8°C between uses.

**Product Use:** SF-4Z0-500-R is for laboratory research only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

**Shipping:** All medium and reagents shipped at ambient temperature.

**Instructions for Use:** Spray the outside of all tools/instruments (bottles, tubes, racks, etc.) with ethanol solution before bringing them under the hood. Make sure all work surfaces are disinfected. Spray the outside of your gloves prior to work under the hood.

- Place under hood 500mL media and 8mL RocketFuel-R™
- Remove shrink wrap and place cap sides down under hood onto ethanol sprayed gauze.
- Pipette or pour RocketFuel™ into 500mL media.
- Replace cap on media and refrigerate or use in cell culture. Media is now complete.