

## Recombinant RFP with His Tag

<b>Catalog No.</b>	CRR140B CRR140C	<b>Quantity:</b>	100 µg 1 mg
<b>Alternate Names:</b>	Red Fluorescent Protein		
<b>Description:</b>	The recombinant RFP was expressed and purified from transformed <i>E. coli</i> using a method that ensures high purity and maximal RFP fluorescence. Endotoxin was removed, so the protein is suitable for <i>in vivo</i> injection or cell culture applications. The protein is a monomer containing a N-terminus 6x His-Tag with Ex./Em. = 557/585 nm, extinction coefficient 34380.		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	34.0 kDa		
<b>Formulation:</b>	Freeze dried		
<b>Purity:</b>	≥ 97% as determined by SDS-PAGE and HPLC analyses		
<b>Endotoxin Level:</b>	< 0.1 ng/µg of RFP		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to the vial to fully solubilize the protein to a concentration of 1.0 mg/ml.		
<b>Applications:</b>	The protein is suitable as control reagent for RFP expression studies or as labeling reagent. Applications include: Use as standards for SDS-PAGE, Western blot analysis, label other proteins, calibration of fluorometers, flow cytometers, and fluorescence microscope, as well as microinjection of RFP into cells and tissues, etc. The recombinant RFP is ideal for fusion tag applications and is perfect for dual labeling with EGFP (Cat. No. CRE131).		
<b>Storage &amp; Stability:</b>	Store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



**Cell Sciences®**  
480 Neponset Street  
Bldg 12A  
Canton, MA 02021

Toll Free: 888-769-1246  
Phone: 781-828-0610  
Fax: 781-828-0542

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)