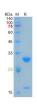


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Recombinant RFP protein, His

Catalog Number:	bs-33011P
Concentration:	>0.5 mg/ml
AA Seq:	1-231/231
Predicted MW:	25
Detected MW:	31 kDa
Tags:	His
Activity:	Not tested
Endotoxin:	Not analyzed
Purity:	>95% as determined by SDS-PAGE
Purification:	AC
Form:	Lyophilized or Liquid
Storage:	20mM Tris-HCl (pH8.0).
	Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Background:	Fluorescent proteins have become a useful and ubiquitous tool for making chimeric
	proteins, where they function as a fluorescent protein tag. Typically they tolerate N- and C-
	terminal fusion to a broad variety of proteins. They have been expressed in most known cell
	types and are used as a noninvasive fluorescent marker in living cells and organisms. They
	enable a wide range of applications where they have functioned as a cell lineage tracer,
	reporter of gene expression, or as a measure of protein-protein interactions.Red Fluorescent
	Protein (RFP) is a versatile biological marker for monitoring physiological processes,
	visualizing protein localization, and detecting transgenic expression in vivo. RFP can be
	excited by the 488 nm or 532 nm laser line and is optimally detected at 588 nm.

VALIDATION IMAGES





The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

Recombinant RFP protein