

# Recombinant Full Length *Pontellina plumata* GFP Protein, Flag tagged

Cat. No. GFP-7050FL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Purified recombinant green fluorescent protein (GFP) with Flag tag, expressed in HEK293 cells.
<b>Species</b>	<i>Pontellina plumata</i>
<b>Source</b>	HEK293T
<b>Description</b>	Green Fluorescent Protein (GFP) refers to a protein isolated from the jellyfish ( <i>Aequorea victoria</i> ) that can be used as a reporter to trace lineages and determine cell fate in mouse and other model organisms. It emits light and can be visualized in live specimens without the need for cell fixation, allowing researchers to observe and track dynamic behavior of cells expressing GFP or its derivatives.
<b>Molecular Mass</b>	29 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Notes</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage</b>	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	> 0.05 µg/µL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

## GENE INFORMATION

**Official Symbol** GFP

**Synonyms** GFP; Green fluorescent protein

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