

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

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

SPECIFICATION

Product Overview	Purified recombinant green fluorescent protein (GFP) with Flag tag, expressed in HEK293 cells.
Species	<i>Pontellina plumata</i>
Source	HEK293T
Description	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.
Molecular Mass	29 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	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.
Concentration	> 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
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GENE INFORMATION

Official Symbol	GFP
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Synonyms	GFP; Green fluorescent protein
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