

Recombinant Enhanced Yellow Fluorescent Protein (Full length), N-His-tagged

Cat. No. EYFP-12 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant enhanced yellow fluorescent protein with a N-terminal histidine tag was expressed in Human Embryonic Kidney 293 Cells.
Source	HEK293
ProteinLength	Full length
Description	The use of EYFP as a photoswitchable emitter vastly expands the number of biological specimens immediately available for super-resolution imaging.
Form	Lyophilized powder, slight yellow
Molecular Mass	Recombinant protein has a calculated molecular weight of about 30 kDa.
AA Sequence	MVSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEGDATYGKLTCLKFICTTGKLPVP WPTLVTTFGYGLQCFAFYDPDHMKQHDFFKSAMPEGYVQERTIFFKDDGNYKTRAE VKFEGDTLVNRIELKGIDFKEDGNILGHKLEYNYNSHNVYIMADKQKNGIKVNFKIRH NIEDGSVQLADHYQQNTPIGDGPVLLPDNHYLSYQSALS KDPNEKRDMVLLEFVTA AGITLGMDELYK
Purity	> 95%
Applications	Protein-protein Interaction, Post-translational Modifications, ELISA, EIA, Western Blotting, Dot Blotting, Immunoprecipitation, Protein Array, etc.

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Notes	This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.
Storage	Upon arrival, the lyophilized protein may be stored for 2 weeks at 4 centigrade. For long term storage, it is recommended to store desiccated below -20 centigrade in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20 centigrade. For long term storage, it is recommended to make appropriate aliquots and store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1 mg/mL with sterile deionized water.
Shipping	Ice packs
GENE INFORMATION	
Official Symbol	EYFP
Synonyms	EYFP; Enhanced Yellow Fluorescent Protein; Yellow Fluorescent Protein; YFP