

Recombinant Human Fluorescein labeled K63-Ub(2-7) protein

Catalog No.: RP10094LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human		P0CG47

Tags

No Tag

Synonyms

Fluorescein K63 Ub(2-7)

Product Information

Source	Purification
<i>E. coli</i>	~90% by SDS-PAGE

Endotoxin

Formulation

20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol

Reconstitution

Background

This product contains authentic K63-linked isopeptide bonds, synthesized by an enzymatic reaction containing UbE1, GST-E2-25K and fluorescein-Ub (catalog # E1155/E1156). Mainly contain Ub(2-7) chains with residual monoubiquitin. Can be visualized with in-gel Fluorescein fluorescence (excitation at ~490 nm), that is more quantitative than immunoblotting and sensitive in assays including deubiquitination and ubiquitin binding.

Basic Information


Description

Bio-Activity

Storage

Store at -70°C. This product is stable at $\leq -70^\circ\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

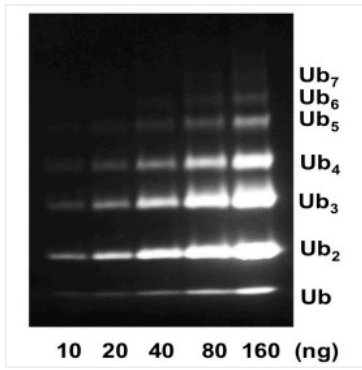
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Validation Data



Visualized by a gel documentation system under 488 nm light.