His6-PolyUb WT Chains (2-7,K48-linked)
Cat. # UCH-230

Linkage specific poly-ubiquitin chains are used to investigate mechanisms of chain recognition, binding and hydrolysis by the proteasome, deubiquitinating enzymes, E3 ligases or other proteins that contain ubiquitin-associated domains (UBAs) or ubiquitin-interacting motifs (UIMs). Lys48-linked chains are abundant in vivo and act as a universal signal for proteasomal degradation. This product is formed with His6-tagged wild-type human recombinant ubiquitin and linkage-specific enzymes. This mixture of poly-ubiquitin chains contains di-ubiquitin and higher MW species; mono-ubiquitin has been removed. The His6-tag is convenient for metal chelate affinity purification and immuno-detection using His6-specific antibodies.

### Product Information

| **Quantity** | 100 µg, lyophilized powder |
| **Solubility** | Aqueous solutions up to 5 mg/ml |
| **Purity** | > 95% by SDS-PAGE |

### Use & Storage

**Use:** Typical concentrations will depend on specific assay conditions and method of detection.

**Storage:** Solubilized solution at –20°C. Avoid multiple freeze/thaw cycles.

### Literature

**References:**

*For Laboratory Research Use Only, Not For Use in Humans*