**UCHL3**
Human, recombinant, N-terminal His-tag

**Catalog #: 80353**  
Lot#: 100826  Conc.: 2.07 mg/ml

**Formulated in:** 45 mM Tris-HCl, pH 8.0, 124 mM NaCl, 2.4 mM KCl, 225 mM imidazole, 10% glycerol, and 3 mM DTT.

**Stability:** >6 months at –80°C

**References:**

**Description:** UCHL3, also known as Ubiquitin Carboxy-terminal Hydrolase L3 (GenBank Accession No. NM_006002), a.a. 2-231(end), with N-terminal His-tag, MW=27.1 kDa, expressed in *E. coli*.

**Specific Activity:** 20,733 pmole/min/μg

Assay Conditions: Reaction was performed in 50 mM Tris, pH 7.4, 1 mM DTT, 0.5 mM EDTA, 500 nM Ub-AMC, and UCHL3 in a 50 μL reaction. Reaction was incubated at 37°C for 15 min and fluorescent signal was measured at excitation = 340 nm, emission = 460 nm.

**Application:** Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

### Quality Assurance

10% SDS-PAGE  
Coomassie staining

**Lane 1:**  
5 μg UCHL3

**Lane 2:**  
Protein Marker  
BioLabs (#P7708L)

**MW:** 27.1 kDa  
**Purity:** >90%