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# MATERIAL DATA SHEET

## UCH-L3, *human recombinant*

**Cat. # UBE-325**

Ubiquitin C-terminal hydrolases are a family of cysteine hydrolases that catalyze the hydrolysis of amides, esters and thio-esters from the C-terminus of ubiquitin. UCH-L3 is a member of the low molecular weight UCHs that processes ubiquitin precursors and ubiquitinated proteins to generate monomeric ubiquitin. This enzyme is also able to cleave at the C-terminus of NEDD8. UCH-L3, like UCH-L3 may have roles in the maintenance of neurons in the gracile tract, nucleus tractus solita-ris and area postrema.

### Product Information

**Qualitity:**25 μg

**MW:** 26 kDa

**Concentration:** X mg/ml (X μM) in 10 mM PBS pH 7.3, 5 mM DTT.

Actual concentration will vary with specific Lot #.

**Purity:** > 95% by SDS-PAGE

**Use**: Typical enzyme concentration to support hydrolysis of substrates in vitro is 0.05-5 nM depending on conditions and substrate. Pre-incubation for 15 minutes with 10 mM DTT is recommended to achieve maximum activity.

**Storage:** Store at –80℃. Avoid multiple **FREEZE/THAW** cycles.