

6xHis-Uch37

Cat. # A3500, A3501

Also Known as: UCHL5;UCH37; CGI-70; INO80R; UCH-L5

NCBI Reference: NM_015984

MW (no tag): 37.6 kDa

Species: Human

Source: Bacterial recombinant

Tag: 6xHis

Stock Buffer: 20 mM Tris, 150 mM NaCl, 2 mM βME, 10% Glycerol

Concentration: See tube label

Quality Assurance: ~95% by SDS-PAGE

Description: Uch37 is one of the deubiquitinating enzymes of the human 26S proteasome, belongs to the Ub C-terminal hydrolases. Uch37 was found to bind both Adrm1 and S5a subunits of the 26S proteasome. Uch37 likely contributes to the Ub chain trimming activity of the 26S proteasome that shortens a polyUb chain from the distal end of the chain. Currently, how Uch37 is activated on the proteasome is not known.

Storage: Store at -80°C; avoid multiple freeze-thaw cycles

Note: N/A

Literature: 1. Verma R, *et al.* (2000) Mol Biol Cell 11(10), 3425 – 3439.

2. Koulich E, *et al.* (2007) Mol Biol Cell, 19(3) 1072 – 1082.

3. Husnjak K, *et al.* (2008) Nature 453, 481 – 488.

4. Lee BH, *et al.* (2010) Nature 467, 179 – 184.

