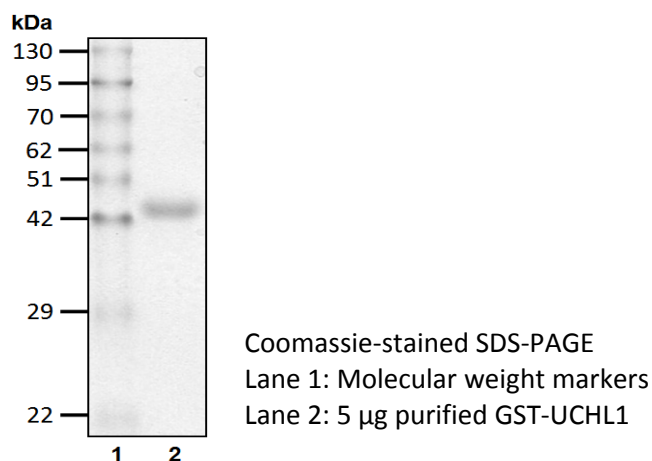


# GST-UCHL1

Cat. # H1110,H1111

**Also Known as:** PARK5; PGP95; PGP9.5; Uch-L1; PGP 9.5  
**NCBI Reference:** NM\_004181  
**MW (no tag):** 24.8 kDa  
**Species:** Human  
**Source:** Bacterial recombinant  
**Tag:** GST  
**Stock Buffer:** 20 mM Tris, 150 mM NaCl, 2 mM  $\beta$ ME, 10% Glycerol  
**Concentration:** See tube label  
**Quality Assurance:** ~95% by SDS-PAGE

Image



**Description:** Deubiquitinating enzymes (DUBs) are proteases that possess the ability to cleave ubiquitin chains or the isopeptide bond that conjugates ubiquitin with a substrate. Human cells have approximately 100 DUBs that play important roles in regulating various cellular events. UCHL1 is one of the four members of the ubiquitin C-terminal hydrolase (UCH) family. It is thought to be mainly involved in cleaving polyubiquitin proteins into monomeric ubiquitin.

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

**Note:** N/A

**Literature:**

1. Pickart CM, *et al.* (1985) J Biol Chem 260(13), 7903 – 7910.
2. Wilkinson KD (1997) FASEB J 11(14), 1245 – 1256.
3. Larsen CN, *et al.* (1998) Biochemistry 37(10), 3358 – 3368.
4. Reyes-Turcu FE, *et al.* (2009) Annu Rev Biochem 78, 363 – 397.