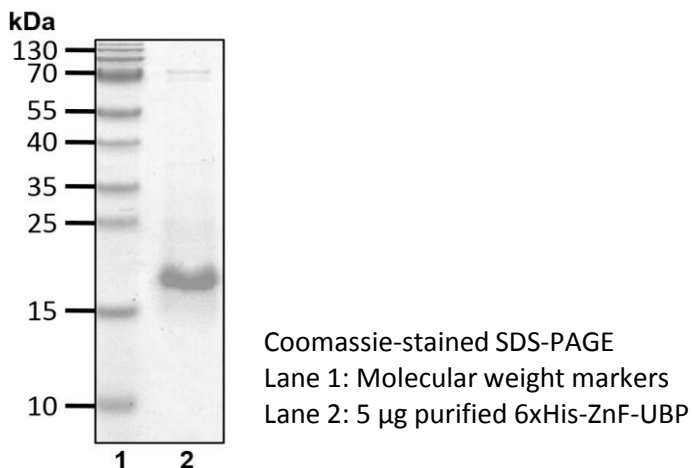


# 6xHis-ZnF-UBP

Cat. # I1410, I1411

**Also Known as:** 6xHis-ZnF-UBP  
**NCBI Reference:** N/A  
**MW (no tag):** 14.6 kDa  
**Species:** Human  
**Source:** Bacterial recombinant  
**Tag:** 6xHis  
**Stock Buffer:** 20 mM Tris, 150 mM NaCl, 2 mM  $\beta$ ME, 10% Glycerol  
**Concentration:** See tube label  
**Quality Assurance:** ~80% by SDS-PAGE

Image



**Description:** Usp5 (IsoT) is a deubiquitinase enzyme that hydrolyzes free polyubiquitin chains. The Usp5 contains two zinc finger domains (ZnF-UBP). This product contains the second ZnF-UBP domain (amino acid 163 – 291). The ZnF-UBP domains bind free ubiquitin chains' diglycine carboxyl tail, which defines its specificity in binding of free polyubiquitin chains.

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

**Note:** N/A

**Literature:**

1. Hadari T, *et al.* (1992) J Biol Chem 267, 719 – 727.
2. Reyes-Turcu FE, *et al.* (2006) Cell 124, 1197 – 1208.
3. Reyes-Turcu FE, *et al.* (2008) J Biol Chem 283(28), 19581 – 19592.
4. Avvakumov GV, *et al.* (2012) Biochemistry 51(6), 1188 – 1198.