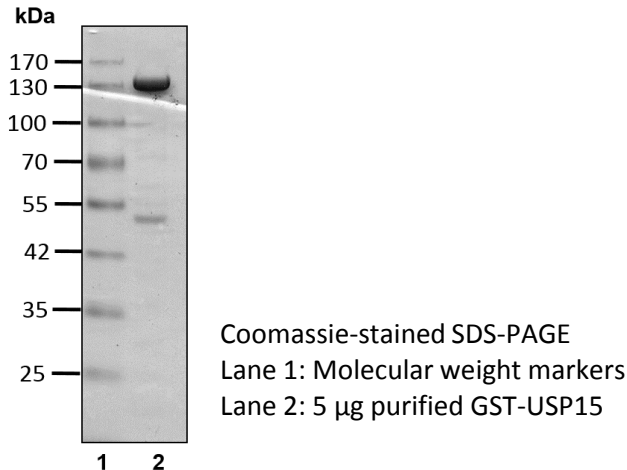


# GST-USP15

Cat. # H6500

**Also Known as:** UNPH4; UNPH-2  
**NCBI Reference:** NM\_001252078  
**MW (no tag):** 112.4 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:** ~80% by SDS-PAGE

## Image



**Description:** Usp15 belongs to a family of deubiquitinating enzymes called the DU subfamily. Within this subfamily are Usp4 and Usp11 because they all contain an N-terminal “domain present in ubiquitin specific proteases” (DUSP) and ubiquitin-like (UBL) domains. Usp15 has been shown to play a role in stabilizing and activating caspase-3 during Paclitaxel-induced apoptosis. Usp15 also deubiquitinates I $\kappa$ B $\alpha$  which is an inhibitor of NF- $\kappa$ B.

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

**Note:** N/A

**Literature:**

1. Reyes-Turcu FE, *et al.* (2009) *Annu Rev Biochem* 78, 363 – 397.
2. Xu M, *et al.* (2009) *Biochem Biophys Res Commun* 388, 366-371.
3. Harper S, *et al.* (2011) *Biochemistry* 50(37), 7995 – 8004.

