

# Adrm1/Uch37

Cat. # A3600, A3601

**Also Known as:** Adrm1 (ADRM1;ARM1; GP110; Rpn13 ); Uch37 (UCHL5;UCH37; CGI-70; INO80R; UCH-L5 )  
**NCBI Reference:** NM\_007002 (Adrm1), NM\_015984 (Uch37)  
**MW (no tag):** Adrm1 (42,2 kDa), Uch37 (37.6 kDa)  
**Species:** Human  
**Source:** Bacterial recombinant  
**Tag:** No  
**Stock Buffer:** 20 mM Tris, 150 mM NaCl, 2 mM  $\beta$ ME, 10% Glycerol  
**Concentration:** See tube label  
**Quality Assurance:** ~95% by SDS-PAGE

**Description:** Adrm1 is an integral Ub receptor of the 26S proteasome. Adrm1 binds both Ub and polyUb chains via its N-terminal Pru domain. The Pru domain also binds S1 to locate Adrm1 on the 26S proteasome. The C-terminal domain of Adrm1 binds and activates the deubiquitinating enzyme Uch37, through which Uch37 is recruited to the 26S proteasome. Currently, it is not known whether Adrm1 activates Uch37 to deubiquitinate polyUb chains.

**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.

