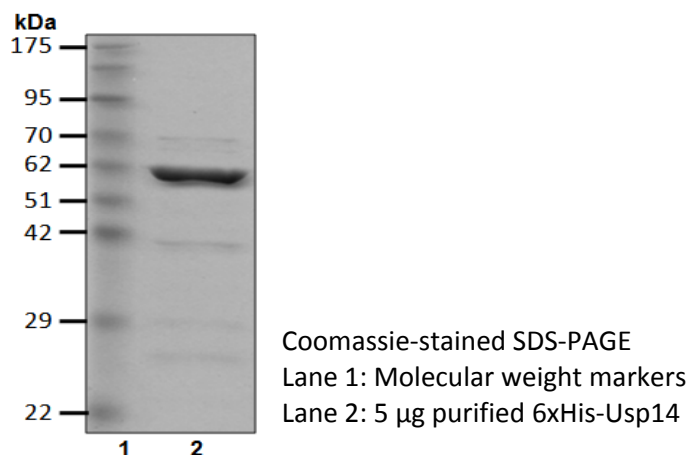


6xHis-Usp14

Cat. # A3710, A3711

Also Known as: TGT;Usp14
NCBI Reference: NM_005151
MW (no tag): 56.1 kDa
Species: Human
Source: Bacterial recombinant
Tag: 6xHis
Stock Buffer: 20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol
Concentration: See tube label
Quality Assurance: ~90% by SDS-PAGE

Image



Description: Usp14 is one of the deubiquitinating enzymes of the human 26S proteasome. Usp14 belongs to the Ub-specific proteases family. Usp14 catalyzes Ub chain trimming that shortens a polyUb chain from the distal end of the Ub chain. Usp14 was found to play an essential role in maintaining the protein levels of monomeric Ub in cells. Interestingly, Usp14 was also found to inhibit proteasomal degradation independent of its deubiquitinating activity.

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

Note: N/A

Literature:

1. Lam YA, *et al.* (1997) Nature 385(6618), 737 – 740.
2. Koulich E, *et al.* (2007) Mol Biol Cell, 19(3) 1072 – 1082.
3. Lee BH, *et al.* (2010) Nature 467, 179 – 184.