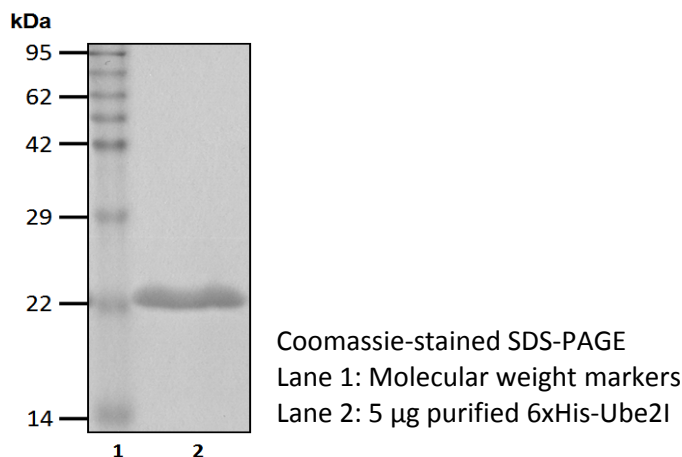


6xHis-Ube2I

Cat. # C2500, C2501

Also Known as: P18; UBC9; C358B7.1
NCBI Reference: NM_003345
MW (no tag): 18 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: ~95% by SDS-PAGE

Image



Description: Ube2I (Ubc9) is an E2 enzyme in the E1, E2, and E3 cascade to link SUMO to a substrate. This E2 shares a similar sequence and structure to the Ub E2s and is the only known SUMO conjugating enzyme at this time. Ube2I shares 56% amino acid identity with the yeast homolog called Ub – conjugating enzyme 9. While a hypothesis has been proposed that Ube2I may not need an E3 to ligate SUMO.

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

Note: N/A

Literature:

1. Wang ZY, *et al.* (1996) J Biol Chem 271(40), 24811 – 24816.
2. Golebiowski F, *et al.* (2004) Arch Biochem Biophys 428(2), 160 – 164.
3. Johnson ES, (2004) Rev. Biochem. 73:355–382.
4. Reverter D, *et al.* (2005) Nature 435(7042), 687 – 692.