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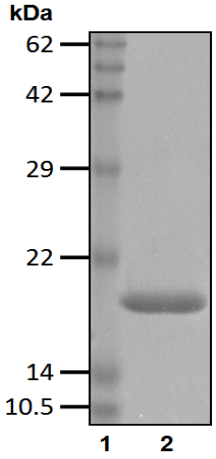
6xHis-Ube2V2

Cat. # C3900, C3901

Also Known as: MMS2; UEV2; EDPF1; UEV-2; DDVIT1; EDAF-1; EDPF-1; DDVit-1
NCBI Reference: NM_003350
MW (no tag): 16.4 kDa
Species: Human
Source: Bacterial recombinant
Tag: 6xHis
Stock Buffer: 20 mM Tris, 150 mM NaCl, 2 mM βME, 10% Glycerol
Concentration: See tube label
Quality Assurance: ~95% by SDS-PAGE

Image



Coomassie-stained SDS-PAGE
Lane 1: Molecular weight markers
Lane 2: 5 µg purified 6xHis-Ube2V2

Description: Ube2V2 is an E2 enzyme, which is part of the E1, E2, and E3 cascade responsible for ubiquitination of protein substrates. Ube2V2 is the human homolog of yeast Mms2 and shares 50% amino acid sequence identity. Its main function is to be used in DNA repair. Ube2V2 forms a heterodimer with the human homolog of Ubc13 (an E2). This complex promotes formation of K63-linked polyUb chains.

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

Note: N/A

Literature:

1. Fritsche J, *et al* . (1997) Biochem Biophys Res Commun 235(2), 407-12.
2. Xiao W, *et al* . (1998) Nuclei Acids Res 26(17), 3908 – 3914.
3. McKenna S, *et al* . (2001) J Biol Chem 276(43), 40120 – 40126.