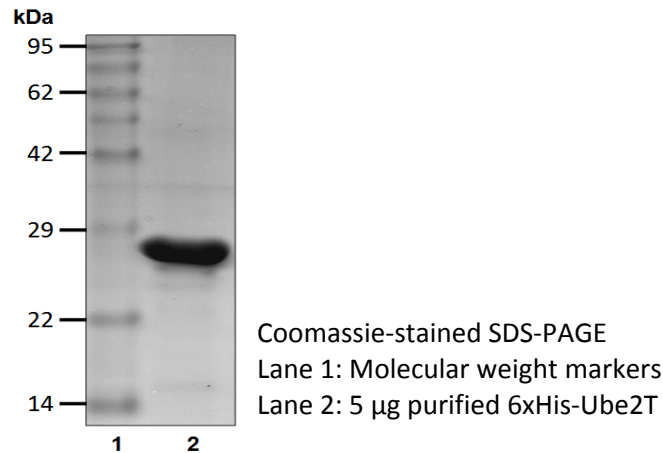


6xHis-Ube2T

Cat. # C3800, C3801

Also Known as: PIG50; HSPC150
NCBI Reference: NM_014176
MW (no tag): 22.5 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:

Ube2T is an E2 enzyme, which is part of the E1, E2, and E3 cascade responsible for ubiquitination of protein substrates. Ube2T interacts with the E3 ligase called Fanconi anemia complementation group L (FANCL) that is part of a larger complex to regulate DNA damage repair. Once FANCL interacts with Ube2T, the complex is then able to monoubiquitinate FANCD2 that leads to the DNA repair. Ube2T can also interact with the BRCA1/BARD1 complex.

Storage:

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

Note:

N/A

Literature:

1. Zhang QH, *et al.* (2000) *Genome Res* 10, 1546 – 1560.
2. Machida YJ, *et al.* (2006) *Mol Cell* 23, 589-96.
3. Hao J, *et al.* (2008) *Tumour Biol* 29, 195 – 203.
4. Ueki T, *et al.* (2009) *Cancer Res* 69(22), 8752 – 8760.

