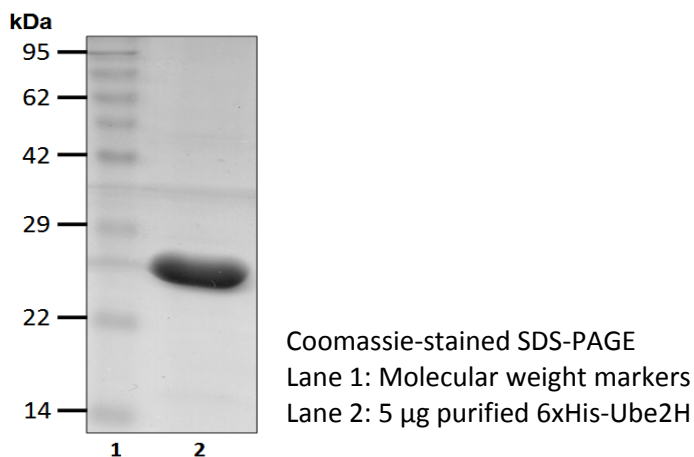


6xHis-Ube2H (UbcH2)

Cat. # C2400, C2401

Also Known as: UBC8; UBCH; UBCH2; E2-20K
NCBI Reference: NM_003344
MW (no tag): 20.7 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: Ube2H is an E2 enzyme, which is part of the E1, E2, and E3 cascade responsible for ubiquitination of protein substrates. Ube2H is the human homolog to its yeast counterpart, Ubc8. Ube2H ubiquitinates histone H2A in vitro without the assistance of any E3 ligase. This E2 could also play a role in the development autism disorder because of its location on the 7q32 chromosomal region.

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

Note: N/A

Literature:

1. Kaiser P, *et al.* (1994) J Biol Chem 269, 8797 – 8802.
2. Kaiser P, *et al.* (1995) FEBS Lett 377, 193 – 196.
3. Vourc'h P, *et al.* (2003) Psychiatr Genet 13, 221 – 225.
4. Li YP, *et al.* (2003) FASEB J 17(9), 1048 – 1057.

