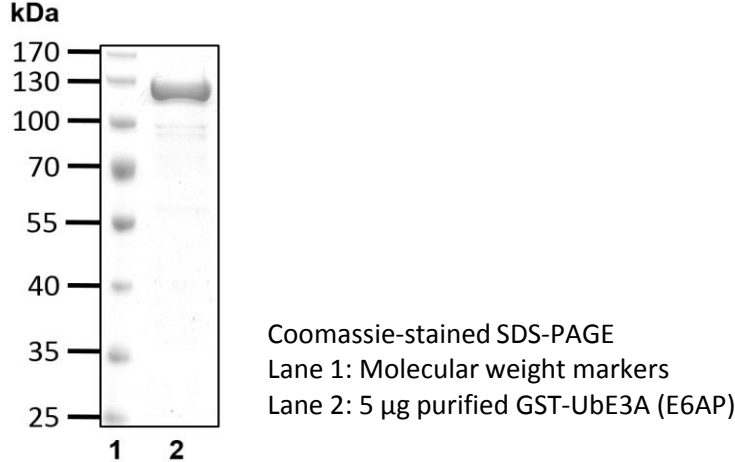


GST-UbE3A (E6AP)

Cat. # K1410

Also Known as: AS; ANCR; E6-AP; E6AP; HPV E6A; EPVE6AP
NCBI Reference: NM_000462.3
MW (no tag): 100.7 kDa
Species: Human
Source: Bacterial recombinant
Tag: GST
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: UbE3A (also called E6AP) is a 100 kDa HECT (homologous to E6AP carboxyl terminus) domain ubiquitin ligase containing two E2 binding sites for UbCH7 and UbCH8. UbE3A was found to bind to the human papillomavirus (HPV) oncoprotein E6 and mediate ubiquitination of p53. A frameshift mutation in the UbE3A gene leads to loss of function and causes Angelman Syndrome.

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

Note: N/A

Literature:

1. Scheffner M, *et al.* (1990) Cell 63, 1129-1136.
2. Scheffner M, *et al.* (1993) Cell 75, 495-505.
3. Abaid L, *et al.* (2009) Am J Med Genet Part A 152A, 141-146.
4. Ronchi VP, *et al.* (2013) JBC 288, 10349-10360.

