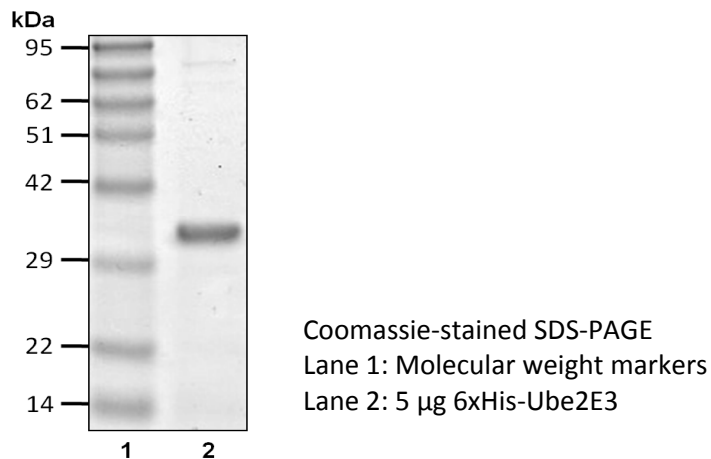


6xHis-Ube2E3 (Ubch9)

Cat. # C2000, C2001

Also Known as: UBCH9; UbcM2
NCBI Reference: NM_006357
MW (no tag): 22.9 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:

Ube2E3 (also known as Ubch9) is an E2 enzyme, which is part of the E1, E2, E3 cascade that is responsible for ubiquitination of protein substrates. It has been found to interact with the E3 enzyme Nedd4-2 in order to regulate ubiquitination of the epithelial Na⁺ channel (ENaC). Studies have shown that Ube2E3 may be able to associate with the substrate directly, which implies the assistance of an E3 may not be required under all circumstances.

Storage:

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

Note:

N/A

Literature:

1. Ito K, *et al.* (1999) *Cytogenet Cell Genet* 84 (1 – 2), 99 – 104.
2. Ito K, *et al.* (2001) *Eur J Biochem* 268, 2725–2732.
3. Debonneville C, *et al.* (2004) *Mol Cell Biol* 24, 2397–2409.
4. Plafker KS, *et al.* (2008) *Invest Ophthalmol Vis Sci* 49(12), 5611 – 5618.

