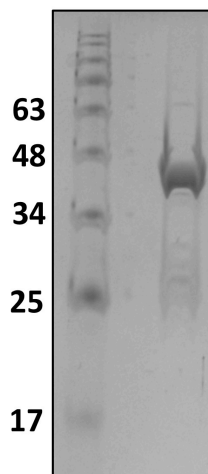


GST-JOSD2

Cat. # H1900

Also Known as: Josephin-2
NCBI Reference: NM_001270639.1
MW (no tag): 21.7 kDa
Species: Human
Source: Bacterial recombinant
Tag: None
Stock Buffer: 20 mM Tris. pH 7.1 at 37 °C. 150 mM NaCl. 2 mM BME. 10% Glycerol
Concentration: See tube label
Quality Assurance: ~90% purify by SDS-PAGE

Image



A. Coomassie stained SDS-PAGE of 5 ug purified GST-JOSD2.

Description: JOSD2 (Josephin-2) is a member of the Machado-Joseph Domain (MJD) deubiquitinating enzyme family. Other family members include: Ataxin-3, Ataxin-3L, and JOSD1. JOSD2 preferentially cleaves K63-linked ubiquitin chains, with much weaker activity toward K48-linked ubiquitin chains in vitro.

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

Note: JOSD2 may not cleave fluorogenic substrates such as Ub-AMC and Ub-Rhodamine 110. Use 1-10 μ M for cleaving polyUb chains.

Literature: Deki T, et al. J Biol Chem. 288(24):17145-55.