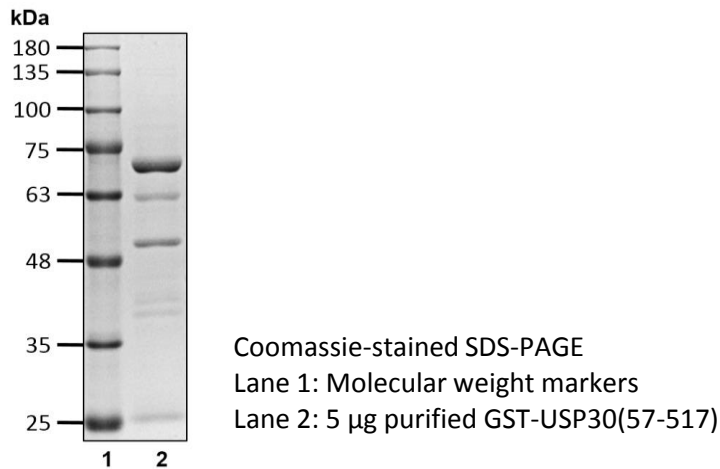


GST-USP30(57-517)

Cat. # H7810

Also Known as: N/A
NCBI Reference: NM_032663.4
MW (no tag): 51.5 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: ~70% by SDS-PAGE

Image



Description: USP30(57-517) contains the catalytic domain of USP30 with the N-terminal membrane bound domain being deleted. USP30 deubiquitinates substrates of Parkin including MIRO1, TOMM20, MFN1, and MFN2 on mitochondrial membranes and functions to suppress mitophagy. It prefers cleavage of K6- and K11-linked polyubiquitin chains.

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

Note: N/A

Literature:

1. Bingol B, *et al.* (2014) Nature 510: 370
2. Cunningham CN, *et al.* (2015) Nat Cell Biol. 17: 160
3. Wang, Y, *et al.* (2015) Autophagy 11: 595

