

## Recombinant Human JOSD2 Protein, GST-tagged

Cat. No. JOSD2-352H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human JOSD2 Protein is produced by Bacteria expression system. This protein is fused with a GST tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	20 mM Tris, 150 mM NaCl, 2 mM $\beta$ ME, 10% Glycerol
<b>Molecular Mass</b>	21.7 kDa (no GST tag)
<b>Purity</b>	> 90 % by SDS-PAGE
<b>Notes</b>	JOSD2 may not cleave fluorogenic substrates such as Ub-AMC and Ub-Rhodamine 110. Use 1-10 $\mu$ M for cleaving polyUb chains.
<b>Storage</b>	Store at -80 centigrade; avoid multiple freeze-thaw cycles.

### GENE INFORMATION

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<b>Gene Name</b>	JOSD2 Josephin domain containing 2 ( Homo sapiens (human) )
<b>Official Symbol</b>	JOSD2
<b>Synonyms</b>	SBBI54; Josephin domain containing 2; Josephin-2; SBBI54; josephin domain-containing protein 2; FLJ29018;
<b>Gene ID</b>	126119
<b>mRNA Refseq</b>	NM_001270639.1
<b>Protein Refseq</b>	NP_001257568
<b>UniProt ID</b>	Q8TAC2
<b>JOSD2-352H, 1</b>	Coomassie-stained SDS-PAGE Lane 1: Molecular weight markers Lane 2: 5 g purified GST-JOSD2

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