

Active Recombinant Full Length Human SMAD1 Protein, GST-tagged

Cat. No. SMAD1-6690HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human Smad1 [1-465(end) amino acids of accession number NP_005891.1] was expressed as N-terminal GST-fusion protein (79 kDa) using E.coli expression system. GST-Smad1 was purified by using glutathione sepharose chromatography.
Species	Human
Source	E.coli
ProteinLength	1-465(end)
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The phosphorylational ability of the protein was determined by ELISA. The substrate protein was incubated with the indicated enzyme, and after stopping kinase reaction by EDTA, the reaction solution was transferred into glutathione-coated plate. Phosphorylation was detected by anti-phospho antibody and HRP-labeled anti-rabbit IgG
Purity	78%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name SMAD family member 1

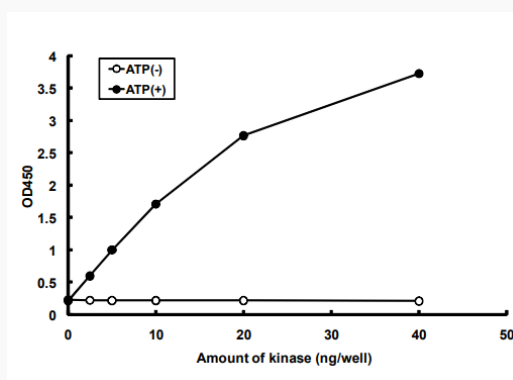
Official Symbol SMAD1

Synonyms MADH1; MADR1; JV4-1

Protein Refseq [NP_005891.1](#)

UniProt ID [Q15797](#)

Activity data



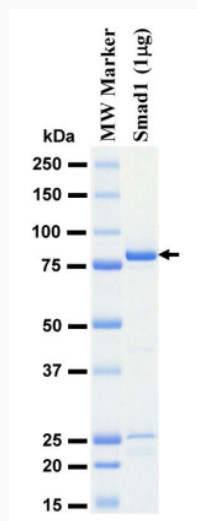
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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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