

## Recombinant Human SMAD7 protein, His-tagged

Cat. No. SMAD7-561H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SMAD7 protein(NP_001177750)(1-426 aa), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-426 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	MFRTKRSALVRRLWRSRAPGGEEDEEGAGGGGGGGELRGEGATDSRAHGAGGG GPGRAGCCLGKAVRGAKGHHHPHPPAAGAGAAGGAEADLKALTHSVLKKLKERQL ELLLQAVESRGGTRTACLLLPGRLCDRLGPGAPAGAQAQPPSSYSPLLLCKVFR WPDLRHSSEVKRLCCCESYGKINPELVCCNPHHLSRLCELESPPPYSRYPMDFLK PTADCPDAVPSSAETGGTNYLAPGGLSDSQQLLLEPGDRSHWCVVAYWEEKTRVGR LYCVQEPSLDIFYDLPQGNFCLGQLNSDNKSQLVQKVRKIGCGIQLTREVDGVW VYNRSSYPIFIKSATLDNPDSRTLLVHKVFPGFSSIKAFDYEKAYSLQRPNDHEFMQQP WTGFTVQISFVKGWGQCYTRQFISSCPCWLEVIFNSR
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

SMAD7 SMAD family member 7 [ Homo sapiens ]

**Official Symbol**

SMAD7

**Synonyms**

SMAD7; SMAD family member 7; MAD, mothers against decapentaplegic homolog 7 (Drosophila) , MADH7, MADH8, SMAD, mothers against DPP homolog 7 (Drosophila); mothers against decapentaplegic homolog 7; hSMAD7; MAD homolog 8; mothers against DPP homolog 8; SMAD, mothers against DPP homolog 7; Mothers against decapentaplegic, drosophila, homolog of, 7; MAD (mothers against decapentaplegic, Drosophila) homolog 7; CRCS3; MADH7; MADH8; FLJ16482;

**Gene ID**

4092

**mRNA Refseq**

NM\_001190821

**Protein Refseq**

NP\_001177750

**MIM**

602932

**UniProt ID**

O15105

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA