

Recombinant Human SMAD4 protein, His-tagged

Cat. No. SMAD4-386H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMAD4 protein(Met1-Asp552), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-552 aa
Form	Lyophilized from a 0.22 µm filtered solution of 20mM Tris-HCl, pH 8.0.
Molecular Mass	61.5 KDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 85 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to

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minimize free-thaw cycles.

GENE INFORMATION

Gene Name [SMAD4 SMAD family member 4 \[Homo sapiens \]](#)

Official Symbol [SMAD4](#)

Synonyms SMAD4; SMAD family member 4; MAD, mothers against decapentaplegic homolog 4 (Drosophila) , MADH4, SMAD, mothers against DPP homolog 4 (Drosophila); mothers against decapentaplegic homolog 4; DPC4; MAD homolog 4; SMAD, mothers against DPP homolog 4; deleted in pancreatic carcinoma locus 4; deletion target in pancreatic carcinoma 4; mothers against decapentaplegic, Drosophila, homolog of, 4; JIP; MADH4; MYHRS;

Gene ID [4089](#)

mRNA Refseq [NM_005359](#)

Protein Refseq [NP_005350](#)

MIM [600993](#)

UniProt ID [Q13485](#)

SDS-PAGE

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