

# Human SMAD4 Recombinant Protein



RPPB4716

## Product Information Protein Information

**Product SKU:**

RPPB4716

**Accession:**

Q13485

**Host:**

Escherichia Coli.

**Protein description:**

SMAD4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 572 amino acids (1-552) and having a molecular mass of 62.6 kDa. SMAD4 is fused to a 20 amino acid His-Tag at N-Terminus and purified by standard chromatography techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

JIP, DPC4, MADH4, SMAD-4, DPC-4, MADH-4, Mothers against decapentaplegic homolog 4, Mothers against DPP homolog 4, SMAD 4, hSMAD4, Deletion target in pancreatic carcinoma 4, SMAD4, SMAD family member 4.

**Formulation:**

The SMAD4 protein solution contains 20mM Tris-HCl pH-8, and 20% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MDNMSITNTP TSNDACLIV HSLMCHRQGG ESETFAKRAI ESLVKKLKEK  
KDELDSLITA ITTNGAHPK CVTIQRTLDG RLQVAGRKGF PHVIYARLWR WPD LHKNELK HVKYCQYAFD  
LKCD S VCVNP YHYERVVSPG IDLSGLTLQS NAPSSMMVKD EYVHDFEGQP SLSTEGHSIQ TIQHPPSNRA  
STETYSTPAL LAPSESNATS TANFPNIPVA STSQPASILG GSHSEGLLQI ASGPQPGQQQ NGFTGQPATY  
HHNSTTTWTG SRTAPYTPNL PHHQNGHLQH HPPMPPHPGH YWPVHNELAF QPPISNHPAP EYWCSIAYFE  
MDVQVGETFK VPSSCPIVTV DGYVDPSSGGD RFCLGQLSNV HRTEAIERAR LHIGKGVQLE CKGEGDVWVR  
CLSDHAVFVQ SYLDREAGR APGDAVHKIY PSAYIKVFDL RQCHRQMQQQ AATAQAAAAA QAAAVAGNIP  
GPGSVGGIAP AISLSAAAGI GVDDLRLRCI LRMSFVKGWG PDYPRQSIKE TPCWIEIHLH RALQLLDEVL  
HTMPIADPQP LD.