

Mothers Against Decapentaplegic Homolog 4 Recombinant Protein | SMAD4 recombinant protein

Recombinant Human Mothers Against Decapentaplegic Homolog 4

CATALOG #
AAA38694

HOST
E Coli

PRODUCT SYNONYMS

Mothers Against Decapentaplegic Homolog 4; Recombinant Human Mothers Against Decapentaplegic Homolog 4; SMAD4 Human; Mothers Against Decapentaplegic Homolog 4 Human Recombinant; 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; SMAD4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The SMAD4 protein solution contains 20mM Tris-HCl pH-8, and 20% glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMDN MSITNTPTSN DACLSIVHSL MCHRQGGESE TFAKRAIESL VKKLKEKKDE LDSLITAITT NGAHPSKCVT IQRTLDGRLQ VAGRKGFPVH IYARLWRWPD LHKNELKHVK YCQYAFDLKC DSVCVNPYHY ERVVSPGIDL SGLTLQSNAP SSMVMKDEYV HDFEGQPSLS TEGHSIQTIQ HPPSNRASTE TYSTPALLAP SESNATSTAN FPNIPVASTS QPASILGGSH SEGLLQIASG PQPGQQQNGF TGQPATYHHN STTTWTGSRT APYTPNLPHH QNGHLQHPP MPPHPGHWYV VHNELAFQPP ISNHPAPEYW CSIAZFEMDV QVGETFKVPS SCPIVTDGY VDPSGGDRFC LGQLSNVHRT EAIERARLHI GKGVLQCKG EGDVWVRCLS DHAVFVQSY LDREAGRAGP DAVHKIYPSA YIKVFDLRQC HRQMQQQAAT AAAAAAAQAA AVAGNIPGPG SVGGIAPAI LSAAAGIGVD DLRRCLILRM SFVKGWGPDY PRQSIKETPC WIEIHLHRAL QLLDEVLTMT PIADPQPLD
Sequence Length	552
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for SMAD4 recombinant protein	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.
Product Categories/Family for SMAD4 recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; SMAD

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885457
NCBI GeneID	4089
NCBI Accession #	NP_005350.1
NCBI GenBank Nucleotide #	NM_005359.5
UniProt Accession #	Q13485; A8K405

NCBI Official Full Name	mothers against decapentaplegic homolog 4
NCBI Official Synonym Full Names	SMAD family member 4
NCBI Official Symbol	SMAD4
NCBI Official Synonym Symbols	JIP; DPC4; MADH4; MYHRS
NCBI Protein Information	mothers against decapentaplegic homolog 4; 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
UniProt Protein Name	Mothers against decapentaplegic homolog 4
UniProt Gene Name	SMAD4
UniProt Synonym Gene Names	DPC4; MADH4; MAD homolog 4; Mothers against DPP homolog 4; SMAD 4; Smad4; hSMAD4
UniProt Entry Name	SMAD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/smad4-recombinant-protein-e-coli/38694>