

Human SMAD2 Recombinant Protein



RPPB4714

Product Information Protein Information

Product SKU:

RPPB4714

Accession:

Q15796

Host:

Escherichia Coli.

Protein description:

SMAD2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 487 amino acids (1-467) and having a molecular mass of 54.4 kDa. SMAD2 is fused to 20 amino acid His-Tag at N-Terminus and purified by standard chromatography techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

JV18, MADH2, MADR2, JV18-1, hMAD-2, hSMAD2, MGC22139, MGC34440, SMAD2, Mothers against decapentaplegic homolog 2, Mothers against DPP homolog 2, Mad-related protein 2, SMAD 2, SMAD family member 2.

Formulation:

The SMAD2 protein solution contains 20mM Tris-HCl pH-8, and 100mM NaCl.

Purity:

Greater than 95.0% 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:

MGSSHHHHH SSGLVPRGSH MSSILPFTPP VVKRLGWKK SAGGSGGAGG GEQNGQEEKW CEKAVKSLVK
KLKKTGRLDE LEKAITTQNC NTKCVTIPSTCSEIWGLSTP NTIDQWDTTG LYSFSEQTRS LDGRLQVSHR
KGLPHVIYCR LWRWPDLSH HELKAIENCE YAFNLKKDEV CVNPYHYQRV ETPVLPVLPVPRHTEILTEL
PPLDDYTHSI PENTNFPAGI EPQSNYIPET PPPGYISEDG ETSQQQLNQS MDTGSPAELS PTTLSPVNHS
LDLQPVTYSE PAFWCSIAYYELNQRVGETF HASQPSLTV D GFTDPSNSER FCLGLLSNVN RNATVEMTRR
HIGRGVRLYY IGGEVFAECL SDSAIFVQSP NCNQRYGWHP ATVCKIPGCNLKIFNNQEF AALLAQSVNQ
GFEAVYQLTR MCTIRMSFVK GWGAEYRRQT VTSTPCWIEL HLNGPLQWLD KVLTMGSPS VRCSSMS.