

Recombinant Human SMAD6 protein, His&Myc-tagged

Cat. No. SMAD6-3507H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMAD6 protein(O43541)(1-496aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-496aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.9 kDa
AA Sequence	MFRSKRSGLVRRRLWRSRVVPDREEGGSGGGGGGDEDGSLGSRAEPAPRAREGG GCGRSEVRPVAPRRPRDAVGQRGAGAGRRRRAGGPPRPMSEPGAGAGSSLLD VAEPGGPGWLPESDCETVTCCLFSERDAAGAPRDASDPLAGAALEPAGGGRSREA RSRLLLLLEQELKTVTYSLKRLKERSLDTLLEAVESRGGVPGGCVLVPRADLRLGGQ PAPPQLLLGLRFRWPDQLHAVELKPLCGCHSFAAAADGPTVCCNPYHFSRLCGPES PPPPYSRLSPRDEYKPLDLSDSTLSYTETEATNSLITAPGEFSDASMSPDATKPSHW CSVAYWEHRTRVGRLYAVYDQAVSIFYDLPPQSGGFCGLGQLNLEQRSESVRRTRSKI GFGILLSKEPDGVWAYNRGEHPIFVNSPTLDAPGGRALVVRKVPPGYSIKVFDFERS GLQHAPEPDAADGPYDPNSVRISFAKGWGPCYSRQFITSCPCWLEILLNNPR

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	SMAD6 SMAD family member 6 [Homo sapiens]
Official Symbol	SMAD6
Synonyms	SMAD6; SMAD family member 6; MAD, mothers against decapentaplegic homolog 6 (Drosophila) , MADH6, MADH7, SMAD, mothers against DPP homolog 6 (Drosophila); mothers against decapentaplegic homolog 6; HsT17432; SMAD 6; hSMAD6; MAD homolog 6; mothers against DPP homolog 6; SMAD, mothers against DPP homolog 6; Mothers against decapentaplegic, drosophila, homolog of, 6; MADH6; MADH7;
Gene ID	4091
mRNA Refseq	NM_001142861
Protein Refseq	NP_001136333
MIM	602931
UniProt ID	O43541

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