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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SMAD6 (Human) Recombinant Protein (P01)

Catalog Number: H00004091-P01

Regulation Status: For research use only (RUO)

Product Description: Human SMAD6 full-length ORF (AAH12986.1, 1 a.a. - 496 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MFRSKRSGLVRRLLWRSRVVPDREEGSGGGGGGDE
DGLSGSRAEPAPRAREGGGCGRSEVRPVAPRRPRDA
VGQRGAQGAGRRRRRAGGPPRPMSEPGAGAGSSLLD
VAEPGGPGWLPESDCETVTCCLFSERDAAGAPRDAS
DPLAGAALEPAGGGRSREARSRLLLLEQELKTVTYSL
KRLKERSLDTLLEAVESRGGVPGGCVLVPRADLRLGG
QPAPPQLLLGRLFRWPDQLHAVELKPLCGCHSFAAAA
DGPTVCCNPYHFSRLCGPESPPPPYSRLSPRDEYKPL
DLSDSTLSYTETEATNSLITAPGEFSDASMSPDATKPS
HWCSVAYWEHRTRVGRLYAVYDQAVSIFYDLPOGSG
FCLGQLNLEQRSESVRRTRSKIGFGILLSKEPDGVWAY
NRGEHPHFVNSPTLDAPGGRALVVRKVPPGYSIKVDFD
ERSGLQHAPEPDAADGPYPNSVRISFAKGWGPCYS
RQFITSCPCWLEILLNNPR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80.96

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4091

Gene Symbol: SMAD6

Gene Alias: HsT17432, MADH6, MADH7

Gene Summary: The protein encoded by this gene belongs to the SMAD family of proteins, which are related to Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling. Multiple transcript variants encoding different isoforms have been found for this gene]