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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BMP5 (Human) Recombinant Protein (P02)

Catalog Number: H00000653-P02

Regulation Status: For research use only (RUO)

Product Description: Human BMP5 full-length ORF (NP_066551.1, 1 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MHLTVFLLKGVFLWSCWVLVGYAKGGLGDNHVHSS
FIYRRLRNHERREIQREILSILGLPHRPRPFSPGKQASS
APLFMLDLYNAMTNEENPEESEYSVRASLAEETR GAR
KGYASPNGYPRRIQLSRTTPLTTQSPPLASLHDTNFL
NDADMVMSFVNLVERDKDFSHQRRHYKEFRFDLTQIP
HGEAVTAAEFRIYKDRSNNRFENETIKISIQIKEYTNR
DADLFLDTRKAQALDVGWLVFDITVTSNHWVINPQN
NLGLQLCAETGDGRSINVK SAGLVGRQGPQSKQPFM
VAFFKASEVLLRSVRAANKRKNQNRNKSSSHQDSSR
MSSVGDYNTSEKQACKKHELYVSFRDLGWQDWIIA
PEGYAAFYCDGECFPLNAHMNATNHAIVQTLVHLMF
PDHVPKPCCAPTKLNAISVLYFDDSSNVILKKYRNMV
RSCGCH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 78.1

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: 653

Gene Symbol: BMP5

Gene Alias: MGC34244

Gene Summary: This gene encodes a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors. [provided by RefSeq]