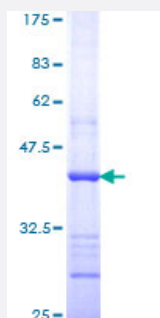


BMP10 (Human) Recombinant Protein (Q01)

Catalog # H00027302-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BMP10 partial ORF (NP_055297, 317 a.a. - 424 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NAKGNYCKRTPLYDFKEIGWDSWIAPPGYEAYECRGVCNYPLAEHLTPTKHAIQALVHLKNSQKA SKACCVPTKLEPISILYLDKGVVITYKFKYEGMAVSECGCR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BMP10

Entrez GeneID [27302](#)

GeneBank Accession# [NM_014482](#)

Protein Accession# [NP_055297](#)

Gene Name BMP10

Gene Alias MGC126783

Gene Description bone morphogenetic protein 10

Omim ID [608748](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the TGF-beta family of growth factors. Data suggest that the similar protein in mouse plays an important role in trabeculation of the embryonic heart. In human, this protein may signal through receptor serine/threonine kinases. [provided by RefSeq]

Other Designations OTTHUMP00000159973

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)