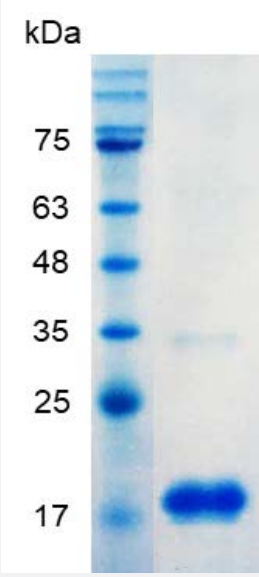
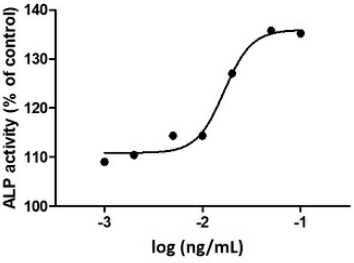
BMP15 (Human) Recombinant Protein

Catalog # P7805 Size 20 ug

Applications



SDS-PAGE analysis of BMP15 (Human) Recombinant Protein.



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human BMP15 recombinant protein with polyhistidine tag at the C-terminus expressed in *Escherichia coli*.
Sequence	MQADGISAEVTASSSKHSGPENNQCSLHPFQISFRQLGWDHWIIAPPFYTPNYCKGTCLRVLRDG LNSPNHAIIQNLINQLVDQSVPRPSCVPYKYVPISVLMIEANGSILYKEYEGMIAESCTCR with polyhis tidine tag at the C-terminus.
Host	Escherichia coli

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Specificity	23
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	Ni-NTA chromatography
Purity	> 98% as determined by SDS-PAGE.
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of BMP15 (Human) Recombinant Protein.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from a solution containing 20 mM sodium citrate, 0.2 M NaCl, pH 3.5. Reconstitute the ly ophilized powder in ddH_2O to a concentration not less than 100 ug/mL.
Storage Instruction	Lyophilized protein should be stored at -20°C. Protein aliquots should be stored at-20°C to -80°C. Th is product is stable for one year. Avoid repeated freeze/thaw cycles.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — BMP15

Entrez GeneID	9210
Gene Name	BMP15
Gene Alias	GDF9B, ODG2, POF4
Gene Description	bone morphogenetic protein 15
Omim ID	300247 300510

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The transforming growth factor-beta super family includes large families of growth and differentiation factors. It is thought that this protein ma y be involved in oocyte maturation and follicular development as a homodimer or by forming heter odimers with a related protein, Gdf9. Defects in this gene are the cause of ovarian dysgenesis 2
Other Designations	OTTHUMP00000023297

Disease

- Amenorrhea
- Anovulation
- Genetic Predisposition to Disease
- Iatrogenic Disease
- Infertility
- Obesity
- Ovarian Diseases
- Ovarian Failure
- Ovarian Hyperstimulation Syndrome
- Polycystic Ovary Syndrome
- Puberty
- Thrombophilia
- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.