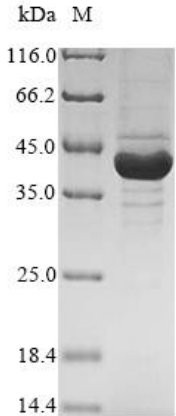


## Datasheet

<b>Product Name</b>	Recombinant Bovine Pregnancy-associated glycoprotein 2(PAG2)
<b>Catalog Number</b>	MBS1375592
<b>Expression host</b>	<i>Yeast</i>
<b>Product Info</b>	N-terminal 6xHis-tagged
<b>Storage Buffer</b>	Lyophilized from 0.2 µm sterile filtered 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0. The volume before lyophilization is 145µl/vial , 100µg/vial, 5 vials.
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Relevance</b>	PAG2 or a processed derivative of this molecule might represent a factor that binds the LH receptor.
<b>AA sequence</b>	KKMKTLRETLREKNLLNNFLEEQAYRLSKNDSKITHPLRNYLDTAYVGNITI GTPPQEFRVVFDTGSANLWVPCITCTSPACYTHKTFNPQNSSSFREVGSPITIFY GSGIIQGFLGSDTVRIGNLVSPEQSFGLSLEEYGFDSLPGILGLAFPAAMGIED TIIFDNLWSHGAFSEPVFAFYLNNTNKPEGSVVMFGGVDHRYKYGELNWIPVS QTSHWQISMNNISMNGTVTACSCGCEALLDTGTSMIYGPTKLVTNIHKLMNA RLENSEYVVSCDAVKTLPPVIFNINGIDYPLRPQAYIIKIQNSCRVSFQGGTENS SLNTWILGDIFLRQYFSVFDRKNRRIGLAPAV
<b>References</b>	"The glycosylation of pregnancy-associated glycoproteins and prolactin-related protein-I in bovine binucleate trophoblast giant cells changes before parturition." Klisch K., Boos A., Friedrich M., Herzog K., Feldmann M., Sousa N., Beckers J., Leiser R., Schuler G. Reproduction 132:791-798(2006)

## Certificate of Analysis

Product Name	Recombinant Bovine Pregnancy-associated glycoprotein 2(PAG2)		
Catalog Number	MBS1375592		
Expression host	Yeast		
Product Info	N-terminal 6xHis-tagged		
Buffer	Lyophilized from 0.2 μm sterile filtered 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0.  The volume before lyophilization is 145μl/vial , 100μg/vial, 5 vials.		
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.		
Batch Number	04031		
Nature	Bovine PAG2-(AA 22-376)- <b>Q28057</b> -Full Length of Mature Protein		
Purification	Affinity purified using IMAC		
Form	Lyophilized powder		
Recommended Storage	Short term	2 to 8 ℃, one week after reconstitution	
	Long term	-20 to -80 ℃, twelve months from the date of receipt	
Date of detection	2019.01.09		
Test Items	Specifications		Results
Purity	≥85%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		85%
Molecular Weight	Predicted band size: 40.9 kDa		Observed band size: 43 kDa

<b>Electrophoretic parameters</b>	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.	
<b>Aseptic Processing</b>	It has been conducted aseptic processing before the lyophilization from 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0.	
<b>Endotoxin Level</b>	<1.0 EU per 1µg of the protein by the LAL method.	pass
<b>Activity</b>	Not tested	
<b>Conclusion</b>	pass	

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