

Cow PAG1B Recombinant Protein

PX-P1136-10

DESCRIPTION

Pregnancy associated glycoproteins (PAGs) are widely glycosylated secretory proteins of ruminant trophoblast cells. Bovine pregnancy-associated glycoprotein-1 (PAG-1) may play an important role during pregnancy and is defined as a potential biochemical marker of pregnancy in ungulates.

OVERVIEW

SIZE	10 ug
ORIGIN SPECIES	Cow
FRAGMENT	Full*
PROTEIN DELIVERED WITH TAG	Yes
MOLECULAR WEIGHT WITH TAG IF ANY	45,67 kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Prokaryotic expression
HOST	E.coli
PURITY	0,8
PROTEIN ACCESSION	NP_776836.1
FORM	liquid
BUFFER	NaH ₂ PO ₄ 75mM, NaCl 150mM, Urea 6M, pH 6-8.
STABILITY & STORAGE	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)



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MORE INFO

GENE ID	281964
SWISSPROTID	Q29432
UNIPROT ID	Q29432
UNIPROT LINK	http://www.uniprot.org/uniprot/Q29432
NCBI GENE ALIASES	PAG1B
SYNONYMS	PAG1B, pregnancy-associated glycoprotein 1 precursor, PAG 1, Pregnancy-specific protein B, PSP-B

PROTEIN SEQUENCE

MGHHHHHHHHHHSSGHIEGRHMLEMKWLVLLGLVAFSECIVKIPLRRLKTMNRNVVSGKNMLNNFLKEHAYSLSQISFRGS
NLTHPLRNKDLVYMGNITIGTPPQEFQVVFDTASSDLWVPSDFCTSPACSTHVRFRHLQSSTFRLTNKTRITYGSGR
MKGVVVHDTV RIGNLVSTDQPFGLSIEEYGFEGRIYDGV LGLNYPNISFSGAIPFDKLNQRAISEPVFAFYLSKDERE
GSVVMFGGVDHR

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