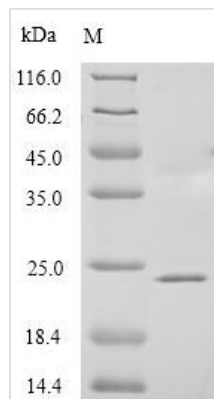




Recombinant Human Glycodelin (PAEP)

Product Code	CSB-MP017381HU
Relevance	This protein is, quantitatively, the main protein synthesized and secreted in the endometrium from mid-luteal phase of the menstrual cycle and during the first semester of pregnancy.
Abbreviation	Recombinant Human PAEP protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P09466
Alias	Placental protein 14 Short name:PP14
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MDIPQTKQDLELPKLAGTWHSMAMATNNISLMATLKAPLRVHITSLLPTPEDNL EIVLHRWENNESCVEKKVLGEKTENPKKFKINYTVANEATLLD TDYDNFLFLCLQ DTTTPIQSMMCQYLARVLVEDDEIMQGFIRAFRPLPRHLWYLLDLKQMEEPCR F
Source	Mammalian cell
Target Names	PAEP
Protein Names	Recommended name: Glycodelin Short name= GDA Alternative name(s): Placental protein 14 Short name= PP14 Pregnancy-associated endometrial alpha-2 globulin Short name= PAEG Short name= PEG Progestagen-associated endometrial
Expression Region	19-180aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	23.9kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The Recombinant Human PAEP is a superior quality protein meticulously engineered for your scientific advancement. Featuring the full-length Glycodelin protein (also known as GD, Placental protein 14, and Pregnancy-associated endometrial alpha-2 globulin), this product plays an important role in various physiological processes and is sourced from mammalian cells to ensure high fidelity and functionality.

With an expression region of 19-180 amino acids, our Recombinant Human PAEP is presented as a full-length mature protein. The N-terminal 10xHis and C-terminal Myc tags enable easy purification and detection, streamlining your workflow. Boasting a purity greater than 90% as determined by SDS-PAGE, this product is available in both liquid and lyophilized powder formats. Invest in Recombinant Human PAEP to propel your research to new heights with the reliability and performance you expect from a top-quality product.

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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.