

## 32-4392: Recombinant Human Progesterone-Associated Endometrial Protein

**Alternative Name :** GD,GdA,GdF,GdS,PAEG,PEP,PP14,Glycodelin,Placental protein 14,Pregnancy-associated endometrial alpha-2 globulin,PEG,Progestagen-associated endometrial protein.

### Description

Source : E.coli. PAEP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 185 amino acids (19-180a.a) and having a molecular mass of 21kDa. PAEP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Progesterone-Associated Endometrial Protein (PAEP) is a member of the kernel lipocalin super family whose members share rather low sequence similarity but have highly conserved exon/intron structure and three-dimensional protein folding. Most lipocalins are clustered on the long arm of chromosome 9. PAEP protein has been previously referred to as pregnancy-associated endometrial alpha-2-globulin, placental protein 14, and glycodelin.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** PAEP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMDIPQTK QDLELPKLAG TWHSMMAMATN NISLMATLKA  
PLRVHITSLL PTPEDNLEIV LHRWENNVCV EKKVLGEKTE NPKKFKINYT VANEATLLDT DYDNFLFLCL  
QDTTPIQSM MCQYLARVLV EDDEIMQGF I RAFRPLPRHL WYLLDLKQME EPCRF.

