

# Human PAEP Recombinant Protein



RPPB4182

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## Product Information    Protein Information

**Product SKU:**

RPPB4182

**Accession:**

P09466

**Host:**

E.coli.

**Protein description:**

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.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

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

**Formulation:**

PAEP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

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 Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMDIPQTK QDLELPKLAG TWHSMAMATN NISLMATLKA PLRVHITSL  
PTPEDNLEIV LHRWENNSCV EKKVLGEKTE NPKKFKINYT VANEATLLDT DYDNFLFLCL QDTTPIQSM  
MCQYLARVLV EDDEIMQGF I RAFRPLPRHL WYLLDLKQME EPCRF.