

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 SSGLVPRGSH MGSMDIPQTK QDLELPKLAG TWHSMMAMATN NISLMATLKA
 PLRVHITSLL PTPEDNLEIV LHRWENNVCV EKKVLGEKTE NPKKFKINYT VANEATLLDT DYDNFLFLCL
 QDTTPIQSM MCQYLARVLV EDDEIMQGF RAFRPLPRHL WYLLDLKQME EPCRF.

