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PAEP Human

Catalog #:PRPS-1404

For research use only.

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.

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

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMDIPQTK QDLELPKLAG TWHSMAMATN NISLMATLKA PLRVHITSLL PTPEDNLEIV LHRWENNSCV EKKVLGEKTE NPKKFKINYT VANEATLLDT DYDNFLFLCL QDTTTPIQSM MCQYLARVLV EDDEIMQGFI RAFRPLPRHL WYLLDLKQME EPCRF.

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:
PAEP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and1mM DTT.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
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.

To place an order, please Click HERE.

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