

## PAEP

### Recombinant Human Progesterone-Associated Endometrial Protein

<b>Catalog No.</b>	CRA429A CRA429B CRA429C	<b>Quantity:</b>	2 µg 10 µg 1.0 mg
<b>Alternate Names:</b>	PAEP, Glycodelin, Placental protein 14, GD, Pregnancy-associated endometrial alpha-2 globulin		
<b>Description:</b>	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. Recombinant human PAEP is a single, non-glycosylated polypeptide chain containing 185 amino acids (19-180a.a) including a 23 amino acid, N-terminal His-tag.		
<b>Concentration:</b>	0.5 mg/ml		
<b>Gene ID:</b>	5047		
<b>UniProtKB:</b>	P09466		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	21 kDa, 185 aa		
<b>Formulation:</b>	Sterile filtered 20 mM Tris-HCl, 150mM NaCl, 30% glycerol, 1 mM DTT, pH 8.0		
<b>Purity:</b>	>90% by SDS-PAGE		
<b>Amino Acid Sequence:</b>	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MG</u> SMDIPQTK QDLELPKLAG TWHSMAMATN NISLMATLKA PLRVHITSLL PTPEDNLEIV LHRWENNSCV EKKVLGEKTE NPKKFKINYT VANEATLLDT DYDNFLFLCL QDTTTPIQSM MCQYLARVLV EDDEIMQGF I RAFRPLPRHL WYLLDLKQME EPCR F		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for up to 2 weeks. It is recommended to add a carrier protein, such as 0.1% BSA, and prepare working aliquots for long term storage at -20°C to -80°C. <b>Avoid repeated freeze/thaw cycles.</b>		

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