

PAEP recombinant protein

PAEP, 19-180aa, Human, His tag, E Coli

CATALOG # AAA48818	HOST E Coli	APPLICATIONS SDS-Page
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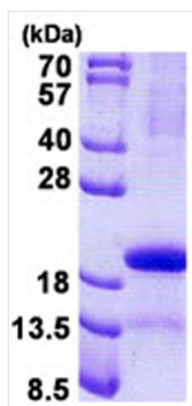
PRODUCT SYNONYMS

PAEP; 19-180aa; Human; His tag; E Coli; Glycodelin precursor; GD; GdA; GdF; GdS; PAEG; PEP; PP14; PAEP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT.
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMDIPQTK QDLELPKLAG TWHSMAMATN NISLMATLKA PLRVHITSLL PTPEDNLEIV LHRWENNNSCV EKKVLGEKTE NPKKFKINYT VANEATLLDT DYDNFLFLCL QDTTTPIQSM MCQYLARVLV EDDEIMQGF I RAFRPLPRHL WYLLDLKQME EPCR F
Sequence Length	19-180aa
Applicable Applications for PAEP recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for PAEP recombinant protein	PAEP is a member of the kernel lipocalin super family whose members share relatively 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. This protein been previously referred to as pregnancy-associated endometrial alpha-2-globulin, placental protein 14, and glycodelin, but has been officially named progestogen-associated endometrial protein. Recombinant human PAEP protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for PAEP recombinant protein	Development
References	Seppala M, Taylor RN, et al. (2002). Endocr Rev. 23 (4):401-30.; Seppala M, Koistinen H, et al. (2007). Hum Reprod update. 13 (3):275-87.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	65507519
NCBI GeneID	5047
NCBI Accession #	NP_002562.2
NCBI GenBank Nucleotide #	NM_002571.3
UniProt Accession #	P09466; Q5T6T1; Q9UG92
Molecular Weight	21 kDa (185aa) confirmed by MALDI-TOF
NCBI Official Full Name	glycodelin isoform 1
NCBI Official Synonym Full Names	progestagen associated endometrial protein
NCBI Official Symbol	PAEP
NCBI Official Synonym Symbols	GD; GdA; GdF; GdS; PEP; PAEG; PP14; ZIF-1
NCBI Protein Information	glycodelin
UniProt Protein Name	Glycodelin
UniProt Gene Name	PAEP
UniProt Synonym Gene Names	ZIF-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/paep-recombinant-protein-e-coli-sds-page/48818>