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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PAEP (Human) Recombinant Protein (P01)

Catalog Number: H00005047-P01

Regulation Status: For research use only (RUO)

Product Description: Human PAEP full-length ORF (NP_002562.2, 1 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLCLLLTLGVALVCGVPAMDIPQTKQDLELPKLAGTW
HSMAMATNNISLMATLKAPLRVHITSLLPTPEDNLEIVL
HRWENNSCVEKKVLGEKTENPKKFKINYTVANEATLL
DTDYDNFLFLCLQDTTPIQSMQCQLARVLVEDDEIM
QGFIRAFRPLPRHLWYLLDLKQMEEPCRF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5047

Gene Symbol: PAEP

Gene Alias: GD, GdA, GdF, GdS, MGC138509, MGC142288, PAEG, PEP, PP14

Gene Summary: This gene is a member of the kernel lipocalin superfamily 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. The encoded glycoprotein has been previously referred to as pregnancy-associated endometrial alpha-2-globulin, placental protein 14, and glycodelin, but has been officially named progesterone-associated endometrial protein. Three distinct forms, with identical protein backbones but different glycosylation profiles, are found in amniotic fluid, follicular fluid and seminal plasma of the reproductive system. These glycoproteins have distinct and essential roles in regulating a uterine environment suitable for pregnancy and in the timing and occurrence of the appropriate sequence of events in the fertilization process. A number of alternatively spliced transcript variants have been observed at this locus, but the full-length nature of only two, each encoding the same protein, has been determined. [provided by RefSeq]