

Pregnancy zone Recombinant Protein | PZP recombinant protein

Recombinant Human Pregnancy zone protein, partial

CATALOG # AAA18410	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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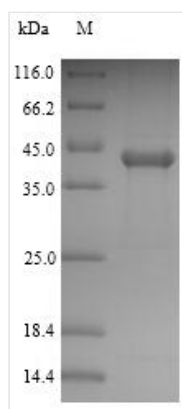
PRODUCT SYNONYMS

Pregnancy zone; Recombinant Human Pregnancy zone protein; partial; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 6; PZP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	472-821. Partial of Isoform 2
Sequence	MKPEAELSVS SVYNLLTVKD LTNFPDNVDQ QEEEQGHCP R PFFIHNGAIY VPLSSNEADI YSFLKGMGLK VFTNSKIRKP KSCSVIPSVS AGAVGQGYG AGLGVVERPY VPQLGTYNVI PLNNEQSSGP VPETVRSYFP ETWIWELVAV NSSGVAEVGV TVPDTITEWK AGAFCLSEDA GLGISSTASL RAFQPFFVEL TMPYSVIRGE VFTLKATVLN YLPKCIRAEG IEQEKTFSSM TCASGANVSE QLSLKLP SNV VKESARASFS VLGDILGSAM QNIQNLLQMP YGCGEQNMVL FAPNIYVLNY LNETQQLTQE IKAKAVGYLI TGYQRQLNYK HQDGSYSTFG
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PZP recombinant protein	Is able to inhibit all four classes of proteinases by a unique 'trapping' mechanism. This protein has a peptide stretch, called the 'bait region' which contains specific cleavage sites for different proteinases. When a proteinase cleaves the bait region, a conformational change is induced in the protein which traps the proteinase. The entrapped enzyme rains active against low molecular weight substrates (activity against high molecular weight substrates is greatly reduced). Following cleavage in the bait region a thioester bond is hydrolyzed and mediates the covalent binding of the protein to the proteinase.
Product Categories/Family for PZP recombinant protein	Neuroscience

References

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NCBI AND UNIPROT INFORMATION

NCBI GI #	281185515
UniProt Accession #	P20742; Q15273; Q2NKL2; Q7M4N7; A6ND27
Molecular Weight	42.3 kDa
NCBI Official Full Name	Pregnancy zone protein
UniProt Protein Name	Pregnancy zone protein
UniProt Gene Name	PZP

UniProt Synonym Gene Names	CPAMD6
UniProt Entry Name	PZP_HUMAN

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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