

Product datasheet

Recombinant Human PZP protein (His tag) ab224853

1 Image

Description

Product name	Recombinant Human PZP protein (His tag)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	P20742
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> MKPEAELSVSSVYNLLTVKDLTNFPDNVDQEEEEQGHCP RPFPIHNGAIY VPLSSNEADIYSFLKGMGLKVFTNSKIRKPKSCSVIPSVSA GAVGQGYG AGLGVVERPYVPQLGTYNVIPLNNEQSSGPVPETVRSYFP ETWIWELVAV NSSGVAEVGVTVPDTITIEWKAGAFCLSEDAGLGISSTASL RAFQPPFVEL TMPYSVIRGEVFTLKATVNLNPKCIRAEGIEQEKFSSMTC ASGANVSE QLSLKLPNSNVKESARASFSVLGDILGSAMQNIQNLLQMP YGCGEQNMVL FAPNIYVLNLYNETQQLTQEIKAKAVGYLITGYQRQLNYKHQ DGSYSTFG </pre>
Predicted molecular weight	42 kDa including tags
Amino acids	603 to 829
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab224853** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
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Form	Liquid
Additional notes	Previously labelled as Pregnancy zone protein.

Preparation and Storage

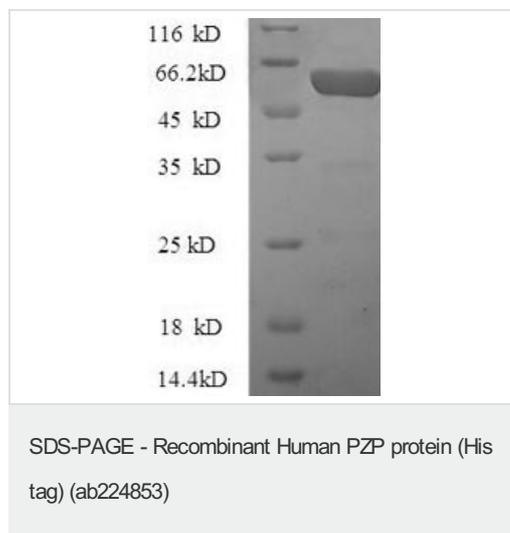
Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: 50% Glycerol (glycerin, glycerine), Tris buffer
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General Info

Relevance	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 remains 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.
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Cellular localization	Secreted
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Images



SDS-PAGE - Recombinant Human PZP (His tag) (ab224853) (Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab224853 with 5% enrichment gel and 15% separation gel.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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