

Datasheet for ABIN7551004
PREP Protein (AA 1-710) (His tag)



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Overview

Quantity:	1 mg
Target:	PREP
Protein Characteristics:	AA 1-710
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PREP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PREP Protein expressed in mammalian cells.
Sequence:	<p> MLS LQYPDVY RDETAVQDYH GHKICDPYAW LEDPDSEQTK AFVEAQNKIT VPFLEQCP IR GLYKERMTEL YDYPKYSCHF KKGKRYFYFY NTGLQNQRVL YVQDSLEGEA RVFLDPN ILS DDGTVALRGY AFSEGEYFA YGLSASGSDW VTIKFMKVDG AKELPDVLER VKFSCMAW TH DGKGMFYNSY PQQDGKSDGT ETSTNLHQKL YYHVLGTDQS EDILCAEFPD EPKWMG GAEL SDDGRYVLLS IREGCDPVNR LWYCDLQQES SGIAGILKWV KLIDNFEGEY DYVT NEGTVF TFKTNRQSPN YRVINIDFRD PEESKWKVLV PEHEKDVLEW IACVRSNFLV LCYLHDVKNI LQLHDLTTGA LLKTFPLDVG SIVGYSGQKK DTEIFYQFTS FLSPGIYHC DLTKEELEPR VFREVTVKGI DASDYQTVQI FYPSKDGTKI PMFIVHKKGI KLDGSHPAFL YGYGGFNISI TPNYSVSRLI FVRHMGGILA VANIRGGGEY GETWHKGGIL ANKQNCFD DDF QCAA EYLIKE GYTSPKRLTI NGGSNGGLLV AACANQRPD LFGCVIAQVGV MDMLK FHKYT IGHAWTTDYG CSDSKQHFEW LVKYSPLHNV KLPEADDIQY PSMLLLTADH DDR VVPLHSL KFIATLQYIV </p>

Product Details

GRSRKQSNPL LIHVDTKAGH GAGKPTAKVI EEVSDMFABI ARCLNVDWIP **Sequence without tag.**

The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	PREP
Alternative Name:	PREP (PREP Products)
Background:	Prolyl endopeptidase (PE) (EC 3.4.21.26) (Post-proline cleaving enzyme),FUNCTION: Cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long.
Molecular Weight:	80.7 kDa
UniProt:	P48147

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months