

Datasheet for ABIN7550989

PROB1 Protein (AA 1-1015) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PROB1
Protein Characteristics:	AA 1-1015
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PROB1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PROB1 Protein expressed in mammalian cells.
Sequence:	MLTALAPPAL PGIPRQLPTA PARRQDSSGS SGSYYTAPGS PEPPDVGPDA KGPANWPWVA PGRGAGAQPR LSVSAQNSRQ RHGPGSGFPR GPGSGPRPPQ PQLRTLPSGE MEVIFGVGGL FGCSGADDRE AQQQFTEPAF ISPLPPGPAS PAAVPRQSQV PDGGSRWATY LELRPRGPSP AAPAQFECVE VALEEGAAPA RPRTVPKRQI ELRPRPQSPP RAAGAPRRL LLRTGSLDES LGPLQAAAGF VQTALARKLS PEAPAPSSAT FGSTGRSEPE TRETARSTHV VLEKAKSRPL RVRDNSAPAK APRPWPSLRE RAIRRDKPAP GTEPLGPVSS SIFLQSEEKI QEARKTRFPR EAPDRTVQRA RSPPFECRIP SEVPSRAVRP RSPSPRQTP NGAVRGPRCP SPQNLSPWDR TTRRVSSPLF PEASSEWENQ NPAVEETVSR RSPSPILSQ WNQCVAGERS PSLEAPSLWE IPHSAVADAV EPRSSPSPA FFPWEAPDRP IGTWGPSPQE TWDPMGPGSS IAFTQEAQNG LTQEELAPPT PSAPGTPEPT EMQSPSTREI SDLAFGGSQQ SPEVAAPEPP GSHPVGTLD DKCPEVLGPG EAASGRPRMA IPRPRDVRKL VKTTYAPGFP AGAQGSLPA PPADPCGEEG GESKTQEPPA LGPPAPAHYT SVFIKDFLPV VPHPYEPPEP SFDTVARDAS QPNGVLRRA

Product Details

ENSTAKPFKR TEIRLPGALA LGRRPEVTSR VRARGPGGEN RDVEAQLVLP DGDGRTSPLG
GARSSSQRSP VGPAGVRSR PGSPQMNASP SPGIAPKPKT PPTAPEPAAA VQAPLPREPL
ALAGRTPAQ PRAASAPTD RSPQSPQGA RRQPGAAPLG KVLVDPESGR YYFVEAPRQP
RLRVLFDPE GQYVEVLLPP SSPGPPHRVY TPLALGLGLY PPAYGPIPSL SLPPSPGPQA
LGSPQLPWVS EAGPLDGTYY LPVSGTPNPA PLLLLCAPPS SSGPTQPGKG SLFPL **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PROB1

Alternative Name: PROB1 ([PROB1 Products](#))

Background: Proline-rich basic protein 1

Molecular Weight: 106.9 kDa

Target Details

UniProt: [E7EW31](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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