

Datasheet for ABIN7550967

PROSER1 Protein (AA 1-944) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PROSER1
Protein Characteristics:	AA 1-944
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PROSER1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PROSER1 Protein expressed in mammalian cells.
Sequence:	MDKKSFEMVL DEIRKAVLTE YKLKAIEYVH GYFSSEQVVD LLRYFSWAEP QLKAMKALQH KMVAVQPTEV VNILNCFTFS KDKLVALELL ASNIIDAQNS RPIEDLFRVN MSEKKRCKRI LEQAFKGGCK APHAMISSCG TIPGNPYPKG RPSRINGIFP GTPLKKGEE CTNEGKGIAA RILGPSKPPP STYNPHKPVP YPIPPCRPHA TIAPSAYNNA GLVPLANVIA PPPPPYTPNP VGTENEDLSN PSKPIQNQTF STPASQLFSP HGSNPSTPAA TPVPTASPVK AINHPSASAA ATVSGMNLLN TVLPVFPQV SSAVHTPQPS IPNPTVIRTP SLPTAPVTSI HSTTTTPVPS IFSGLVSLPG PSATPTAATP TPGTPRSTL GSSEAFASST APFTSLPFST SSSAASTSNP NSASLSSVFA GLPLPLPPTS QGLSNPTPVI AGGSTPSVAG PLGVNSPLLS ALKGFLTSND TNLINSSALS SAVTSGLASL SSLTLQNSDS SASAPNKCYA PSAIPTPQRT STPGLALFPG LPSPVANSTS TPLTLPVQSP LATAASASTS VPVSCGSSAS LLRGPHPGTS DLHISSTPAA TTLPVMIKTE PTSPTPSAFK GPSHSGNPSH GTLGLSGTLG RAYTSTSVPI SLSACLNPAL

Product Details

SGLSSLSTPL NGSNPLSSIS LPPHGSSTPI APVFTALPSF TSLTNNFPLT GNPSLNPSVS
LPGSLIATSS TAATSTSLPH PSSTAAVLSG LSASAPVSAA PFPLNLSTAV PSLFSVTQGP
LSSSNPSYPG FSVSNTPSVT PALPSFPGLQ APSTVAAVTP LPVAATAPSP APVLPGFASA
FSSNFNSALV AQAGLSSGLQ AAGSSVFPGL LSLPGIPGFP QNPSQSSLQE LQHNAQAQSA
LLQQVHSASA LESYPAQPDG FPSYPSAPGT PFSLQPSLSQ SGWQ **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:

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, Western Blot

Grade:

custom-made

Target Details

Target:

PROSER1

Alternative Name:

PROSER1 ([PROSER1 Products](#))

Background:

Proline and serine-rich protein 1,FUNCTION: Mediates OGT interaction with and O-GlcNAcylation of TET2 to control TET2 stabilization at enhancers and CpG islands (CGIs). {ECO:0000269|PubMed:34667079}.

Molecular Weight:

95.7 kDa

Target Details

UniProt: [Q86XN7](#)

Application Details

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