

Datasheet for ABIN7553543
COL17A1 Protein (AA 1-1497) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	COL17A1
Protein Characteristics:	AA 1-1497
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COL17A1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant COL17A1 Protein expressed in mammalian cells.
Sequence:	MDVTKKNKRD GTEVTERIVT ETVTTRLTSL PPKGGTSNGY AKTASLGGGS RLEKQSLTHG SSGYINSTGS TRGHASTSSY RRAHSPASTL PNSPGSTFER KTHVTRHAYE GSSSGNSSPE YPRKEFASS TRGRSQTRES EIRVRLQSAS PSTRWTELDD VKRLLKGSRS ASVSPTRNSS NTLPIPKKGT VETKIVTASS QSVSGTYDAT ILDANLPSHV WSSTLPAGSS MGTYHNNMTT QSSSLLNTNA YSAGSVFGVP NNMASCPTL HPGLSTSSSV FGMQNNLAPS LTTLSHGTTT TSTAYGVKKN MPQSPAAVNT GVSTSAACTT SVQSDDLLHK DCKFLILEKD NTPAKKEMEL LIMTKDSGKV FTASPASIAA TSFSEDTLKK EKQAAYNADS GLKAEANGDL KTVSTKGKTT TADIHSYGSS GGGGSGGGG VGGAGGGPWG PAPAWCPCGS CCSWWKWLLG LLLTWLLLLG LLFGLIALAE EVRKLKARVD ELERIRRSIL PYGDSMDRIE KDRLQGMAPA AGADLDKIGL HSDSQEELWM FVRKKLMEQ ENGNLRGSPG PKGDMGSPGP KGDRGFPGTP GIPGPLGHPG PQGPKGQKGS VGDPGMEGPM GQRGREGPMG PRGEAGPPGS GEKGERGAAG EPGPHGPPGV PGSVGPKGSS GSPGPQPPP PVGLQGLRGE VGLPGVKGDK GPMGPPGPKG DQGEKGPRGL

TGEPGMRGLP GAVGEPGAKG AMGPAGPDGH QGPRGEQGLT GMPGIRGPPG PSGDPGKPGL
TGPQGPQGLP GTPGRPGIKG EPGAPGKIVT SEGSSMLTVP GPPGPPGAMG PPGPPGAPGP
AGPAGLPGHQ EVLNLQGPPG PPGPRGPPGP SIPGPPGPRG PPGEGLPGPP GPPGSFLSNS
ETFLSGPPGP PGPPGPKGDQ GPPGPRGHQG EQGLPGFSTS GSSSFGLNLQ GPPGPPGPQG
PKGDKGDPGV PGALGIPSGP SEGGSSSTMY VSGPPGPPGP PGPPGSISSS GQEIQQYISE
YMQSDSIRSY LSGVQGPPGP PGPPGPVTTI TGETFDYSEL ASHVVSYLRT SGYGVSLFSS
SISSEDILAV LQRDDVRQYL RQYLMGPRGP PGPPGASGDG SLLSLDYAEL SSRILSYMSS
SGISIGLPGP PGPPGLPGTS YEELLSLLRG SEFRGIVGPP GPPGPPGIPG NVWSSISVED
LSSYLHTAGL SFIPGPPGPP GPPGPRGPPG VSGALATYAA ENSDSFRSEL ISYLTSPDVR
SFIVGPPGPP GPQGPPGDSR LLSTDASHSR GSSSSSHSSS VRRGSSYSSS MSTGGGGAGS
LGAGGAFGEA AGDRGPYGTD IGPGGGYGAA AEGGMYAGNG GLLGADFAGD LDYNELAVRV
SESMQRQGLL QGMAYTVQGP PGQPGPQGPP GISKVFSAYS NVTADLMDFF QTYGAIQGPP
GQKGEMGTPG PKGDRGPAGP PGHPGPPGPR GHKGEKGDKG DQVYAGRERRR RSIIVKP

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:	COL17A1
Alternative Name:	COL17A1 (COL17A1 Products)
Background:	Collagen alpha-1(XVII) chain (180 kDa bullous pemphigoid antigen 2) (Bullous pemphigoid antigen 2) [Cleaved into: 120 kDa linear IgA disease antigen (120 kDa linear IgA dermatosis antigen) (Linear IgA disease antigen 1) (LAD-1), 97 kDa linear IgA disease antigen (97 kDa linear IgA bullous dermatosis antigen) (97 kDa LAD antigen) (97-LAD) (Linear IgA bullous disease antigen of 97 kDa) (LABD97)],FUNCTION: May play a role in the integrity of hemidesmosome and the attachment of basal keratinocytes to the underlying basement membrane., FUNCTION: The 120 kDa linear IgA disease antigen is an anchoring filament component involved in dermal-epidermal cohesion. Is the target of linear IgA bullous dermatosis autoantibodies.
Molecular Weight:	150.4 kDa
UniProt:	Q9UMD9

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