

[Go to Product page](#)

Datasheet for ABIN7563608

COL17A1 Protein (AA 1-1470) (His tag)

Overview

Quantity:	1 mg
Target:	COL17A1
Protein Characteristics:	AA 1-1470
Origin:	Mouse
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:	MDVTKKSKRD GTEVTERIVT ETVTTRLTSL PPKGSTSNY AKTGSLGGGS RLEKQSLTHG SSGYINSSGS IRGNASTSSY RRTHSPASTL PNSPGSTFER KAHMTRHGTY EGSSSGNSSP EYPRKELASS STRGRSQTRE SEIRVRLQSA SPSTRWTELD EVKRLKGSR SASASPTRNT SNTLPIPKKG TVETKTVTAS SHSVSGTYDS AILDNFPFH MWSSTLPAGS SLGTYQNNIT AQSTLLNTN AYSTGSVFGV PNNMASCST LHPGLSSCSS VFGMQNNLAP SSSVLSHGTT TASTAYGAKK NVPQPPTVTS TGVSTSATCT TSVQSDLLH KDCKFLILEK DNTPAKKEME LLIMTKDSGK VFTASPATIS STSFSEDTLK KEKQAAAYAAD TCLKADVNGD LNTVSTKSKM TSAENHGYDR GGGGGRGKGG GAGGGGGGGG ASGGGGAWGA APAWCPCGSC CSWWKWLGLL LLTWLLLLGL LFGIALAEE VRKLRARVEE LEKTKVLYHD VQMDKSNRDR LQAEAPSLGP GLGKAELDGY SQEAIWLFVR NKLMTQENG NLRGSPGPKG DMGSQGPKG RGLPGTPGIP GPLGHPGPEG PKGQKGSIGD PGMEGPIGQR GLAGPMGPRG EPGPPGSGEK GDRGIAGEQG PQGLPGVPGP PGLRGHSGSP GPQPPGAVG PQGLRGDVGL PGVKGDKGLM GPPGPKGDQG

EKGPRGLTGE PGIRGLPGAV GEPGAKGAMG PAGADGQQGS RGEQGLTGMP GTRGPPGPAG
DPGKPLTGP QGPQGLPGSP GRPGTKGEPG APGRVMTSEG SSTITVPGPP GPPGAMGPPG
PPGTPGPAGP AGLPGQQGPR GEPGLAGDSF LSSGSSISEV LSAQGVDLRG PPGPPGPRGP
PGSIPGPPG PRGPPGEGVP GPPGPPGSFL TDSETFFTGP PGPPGPPGPK GDQGDGVP
TPGISGGLSH GASSSTLYMQ GPPGPPGPPG PPGSLSSSGQ DIQHIAEYM QSDNIRTYLS
GVQGPMPGPPG PPGPVITITG ETFDYSQLAS QVVSYLRSYG YGAGLSSASS SEDILAMLRR
NDVWQYLRQN LVGPPGPPGP PGVSGDGSLL SLDYGELSRH ILNYMSSSGI SFGHPGPPGP
PGLPGTSYEE LLTMLRGSY RNIIGPPGPP GPPGMPGNAW SSISVEDLSS YLHTAGLSSI
PGPPGPPGPP GPRGPPGSA ALSTYAAENS DNFRSELISY LTSPDVSFI VGPPGPPGPPQ
GPPGDGHLRE NYNWSSNSSA RRGTSYSSST GTGGTNGGSL GEGGAYGAGD GGPYGTDIGP
GGGYGAAAGG GIYGTNGDSF RDGFTGDLDY NKLAVRVSES MQRQGLLQGM AYTQGPMPG
QGPPGISRVF SAYSNTQDL MDDFFQTYGTI PGPPGQKGDV GTPGPKGDRG PAGPRGPPGP
PGPRGNKGEK GDKGDQVYTG RKRSAIAKP **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 homolog],FUNCTION: May play a role in the integrity of hemidesmosome and the attachment of basal keratinocytes to the underlying basement membrane. {ECO:0000250}, FUNCTION: The 120 kDa linear IgA disease antigen homolog is an anchoring filament component involved in dermal-epidermal cohesion. {ECO:0000250}.
Molecular Weight:	148.0 kDa
UniProt:	Q07563

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