

Datasheet for ABIN7560413
COL25A1 Protein (AA 1-666) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	COL25A1
Protein Characteristics:	AA 1-666
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COL25A1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Col25a1 Protein expressed in mammalian cells.
Sequence:	<p>MLVKKLAGKG GGRESGEDP RPLGQRCAGT MPSCTALATL LSVVAVAFCF YLGVKTNDLQ ARIAALSAK GTPSFHPLSD TVDELKAMVQ EKVERLLAQK SYEHMAKIRT AREAPLECNC PAGPPGKRGK RRRGESGPP GQPGPQGGPPG PKGDKGEQGD QGPRMVFPKI NHGFLSADQQ LIKRRLIKGD QQAGPPGPP GPPGPRGPPG DTGKDGRGM PGVPGEPGKP GEQGLMGPLG PPGQKGSIGA PGTPGMDGQK GEPGSPGAAG QSGLPGPKGE PGKEGEGKDA GENGPKGDTG EKGDPGSSAA GIKGEPGESG RPGQKGEPGL PGLPGLPGIK GEPGFIGPQG EPGLPGLPGT KGDRGEAGPP GRGERGDPGA PGPKGKQGES GARGPKGSKG DRGDKGDSGA LGPRGPPGQK GDPGATEIID YNGNLHEALQ RITTLTVTGP PGPPGPQQLQ GPKGEQGSPP IPGVDGEQGL KGSKGDMGDP GVPGEKGLG LPGLPGANGV KGEKGTGLP GPQGPSIIGP PGPPGPHGPP GPMGPHGLPG PKGASGLDGK PGSRGADGPI GPHGPAGPKG ERGEGGAMGE PGPRGPYGLP GKDGEPGLDG FPGPRGEKGD LGEKGEKGFR GVKGEKGEPG QPGLDGLDAP CQLGPDGLPM PGCWQK Sequence without tag. The proposed Purification-Tag is based on experiences</p>

Product Details

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: COL25A1

Alternative Name: Col25a1 ([COL25A1 Products](#))

Background: Collagen alpha-1(XXV) chain (CLAC-P) [Cleaved into: Collagen-like Alzheimer amyloid plaque component (CLAC)],FUNCTION: Inhibits fibrillization of amyloid-beta peptide during the elongation phase. Has also been shown to assemble amyloid fibrils into protease-resistant aggregates. Binds heparin (By similarity). {ECO:0000250|UniProtKB:Q9BXS0}.

Molecular Weight: 65.4 kDa

UniProt: [Q99MQ5](#)

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
