

Product datasheet for **AR09516PU-N**

COL4A3BP (347-598, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	COL4A3BP (347-598, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGSMLH WPTSLPSGDA FSSVGTHRFV QKVEEMVQNH MTYSLQDVGG DANWQLVEE GEMKVYRREV EENGIVLDPL KATHAVKGV T GHEVCNYFWN VDVRNDWETT IENFHVVETL ADNAIIYQT HKRVWPASQR DVLYLSVIRK IPALTENDPE TWIVCNFSVD HDSAPLNNRC VRAKINVAMI CQTLVSPPEG NQEISRDNIL CKITYVANVN PGGWAPASVL RAVAKREYPK FLKRFTSYVQ EKTAGKPILF
Tag:	His-tag
Predicted MW:	33.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1 M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CERT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001123577
Locus ID:	10087
UniProt ID:	Q9Y5P4
Cytogenetics:	5q13.3
Synonyms:	CERT; CERTL; COL4A3BP; GPBP; MRD34; STARD11



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Summary:

This gene encodes a kinase that specifically phosphorylates the N-terminal region of the non-collagenous domain of the alpha 3 chain of type IV collagen, known as the Goodpasture antigen. Goodpasture disease is the result of an autoimmune response directed at this antigen. One isoform of this protein is also involved in ceramide intracellular transport. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images: