

Product datasheet for **AR51565PU-N**

Properdin (28-469, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Properdin (28-469, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSDPVLCTF QYEESGKCK GLLGGGSVE DCCLNTAFAY QKRSGGLCQP CRSPRWLSLWS TWAPCSVTCS EGSQLRYYRC VGWNGQCSGK VAPGTLEWQL QACEDQCCCP EMGGWSGWGP WEPSCVTCSK GTRTRRRACN HPAPKCGGHC PGQAQESEAC DTQQVCPHTG AWATWGPWTP CSASCHGGPH EPKETRSRKC SAPEPSQKPP GKPCPGLAYE QRRCTGLPPC PVAGGWGPWG PVSPCPVTCG LGQTMEQRTC NHPVPQHGGP FCAGDATRTH ICNTAVPCPV DGEWDSWGEW SPCIRRNMKS ISCQEIPGQQ SRGRTCRGRK FDGHRACAGQQ QDIRHCYSIQ HCPLKGSWSE WSTWGLCMPP CGPNPTRARQ RLCTPLLPKY PPTVSMVEGQ GEKNVTFWGR PLPRCEELQG QKLVVEEKRP CLHVPACKDP EEEEL
Tag:	His-tag
Predicted MW:	50.9 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CFP protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001138724
Locus ID:	5199
UniProt ID:	P27918 , A0A0S2Z4I5
Cytogenetics:	Xp11.23



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Synonyms: BFD; PFC; PFD; PROPERDIN

Summary: This gene encodes a plasma glycoprotein that positively regulates the alternative complement pathway of the innate immune system. This protein binds to many microbial surfaces and apoptotic cells and stabilizes the C3- and C5-convertase enzyme complexes in a feedback loop that ultimately leads to formation of the membrane attack complex and lysis of the target cell. Mutations in this gene result in two forms of properdin deficiency, which results in high susceptibility to meningococcal infections. Multiple alternatively spliced variants, encoding the same protein, have been identified.[provided by RefSeq, Feb 2009]

Protein Families: Secreted Protein

Product images:

