

Product datasheet for **AR31132PU-L**

Properdistatin Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Properdistatin protein, 5.0 mg
Species:	Human
Expression cDNA Clone or AA Sequence:	GPWEPCSVTCSKGTRTRRR-OH (1-Letter code).
Predicted MW:	2177.47 Da
Purity:	>95% by HPLC
Buffer:	State: Purified peptide
Preparation:	Purified peptide
Protein Description:	Properdistatin peptide Formula: C ₈₉ H ₁₄₇ N ₃₃ O ₂₇ S
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. 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
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



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