

Coagulation factor XII

Catalog No: #AP78620



Package Size: #AP78620-1 50ug #AP78620-2 100ug #AP78620-3 1mg

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Description

Product Name	Coagulation factor XII
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	373-615AA
Other Names	Hageman factor, HAF
Accession No.	P00748 Gene name: F12
Uniprot	P00748
GeneID	2161;
Calculated MW	26.73
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (pH 8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Factor XII is a serum glycoprotein that participates in the initiation of blood coagulation, fibrinolysis, and the generation of bradykinin and angiotensin. Prekallikrein is cleaved by factor XII to form kallikrein, which then cleaves factor XII first to alpha-factor XIIa and then trypsin cleaves it to beta-factor XIIa. Alpha-factor XIIa activates factor XI to factor XIa.

References

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Note: This product is for in vitro research use only