

Recombinant Human C7

Catalog No: #GP12688



Package Size: #GP12688-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human C7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 644-843 amino acids of human C7
Target Name	complement component 7
Accession No.	Swissprot:P10643Gene Accession:BC063851
Uniprot	P10643
GeneID	730;
Storage	-20~-80°C, pH 7.6 PBS

Background

The complement cascade is a multi-protein system that functions to clear pathogens from an infected host. Part of the innate (unchanging) immune system, the complement cascade consists of proteins and inactive zymogens that are present in blood and are stimulated by one of several triggers. Once stimulated, the cascade relays amplified responses throughout the body, ultimately activating the cell-killing membrane attack complex which can insert itself into the cell membrane and cause the cell to lyse. C7 (complement component 7) is an 843 amino acid secreted protein that participates in the formation of membrane attack complex (MAC), a complex that forms pores in the plasma membrane of target cells for innate and adaptive immune responses. As a membrane anchor, C7 exists as a monomer or dimer and can form multimeric rosettes with C5. C7 defects are the cause of component C7 deficiency (C7D), characterized by recurrent bacterial infections caused by *Neisseria meningitidis*.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only