



# Recombinant Pig Complement C5a anaphylatoxin (C5)

<b>Product Code</b>	CSB-YP003995PI
<b>Relevance</b>	Derived from proteolytic degradation of complement C5, C5 anaphylatoxin is a mediator of local inflammatory process. Binding to the receptor C5AR1 induces a variety of responses including intracellular calcium release, contraction of smooth muscle, increased vascular permeability, and histamine release from mast cells and basophilic leukocytes. C5a is also a potent chokine which stimulates the locomotion of polymorphonuclear leukocytes and directs their migration toward sites of inflammation.
<b>Abbreviation</b>	Recombinant Pig Complement C5a anaphylatoxin protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P01032
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MLQKKIEEEAAKYKYAMLKCCYDGAYRNDDTCEERAARIKIGPKCVKAFKD CCYIANQVRAEQSHKNIQLGR
<b>Research Area</b>	Others
<b>Source</b>	Yeast
<b>Target Names</b>	C5
<b>Protein Names</b>	Recommended name: Complement C5a anaphylatoxin
<b>Expression Region</b>	1-74aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	10.6kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	

