



Recombinant Staphylococcus aureus Chemotaxis inhibitory protein (chp)

Product Code	CSB-YP746696SKV
Relevance	Involved in countering the first line of host defense mechanisms. Specifically inhibits the response of human neutrophils and monocytes to complement anaphylatoxin C5a and formylated peptides, like N-formyl-methionyl-leucyl-phenylalanine (fMLP). Acts by binding directly to the C5a receptor (C5aR) and formylated peptide receptor (FPR), thereby blocking the C5a- and fMLP-induced calcium responses. Prevents phagocytosis of the bacterium
Abbreviation	Recombinant Staphylococcus aureus chp protein
Storage	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.
Uniprot No.	Q6GFB3
Alias	CHIPS
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain MRSA252)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	FTFEPFPTNEEIESNKKMLEKEKAYKESFKNSGLPTTLGKLDERLRNYLKKGTK NSAQFEKMVILTENKGYTVYLNTPLAEDRKNVELLGKMYKTYFFKKGESKSS YVINGPGKTNEYAY
Research Area	others
Source	Yeast
Target Names	chp
Protein Names	Recommended name: Chemotaxis inhibitory protein Alternative name(s): CHIPS
Expression Region	29-149aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	16.1kDa
Protein Length	Full Length of Mature Protein
Image	

