

Product Datasheet

Chemotaxis inhibitory Protein, *S. aureus* (strain MRSA252), Recombinant (His) (orb1976392)

Catalog Number	orb1976392
Description	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. Chemotaxis inhibitory Protein, <i>S. aureus</i> (strain MRSA252), Recombinant (His) is expressed in yeast with N-6xHis tag. The predicted molecular weight is 16.1 kDa and the accession number is Q6GFB3.
Storage	-20°C
Tag	N-6xHis
Note	For research use only
Application notes	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Protein Sequence	FTFEPFPTNEEIESNKKMLEKEKAYKESFKNSGLPTTLGKLDERLRNYLKKGTKNSAQFEKMOV ILTENKGYTYVYLNTPLAEDRKNVELLGKMYKTYFFKKGESKSSYVINGPGKTNEYAY
Purity	94.00%
MW	16.1 kDa (Predicted), 17 kDa (Reducing conditions)
Uniprot ID	Q6GFB3
Expiration Date	6 months from date of receipt.

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