Complement Component C3a (C3) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Complement Component C3a, Recombinant Protein
Full Product Name	Mouse Complement Component C3a Recombinant Protein Tag Free Lyophilized
Product Gene Name	C3 recombinant protein
Host	E Coli
Form/Format	This is a Lyophilized protein buffered in Lyophilized from a 0.2um filtered solution of PBS, pH7.4. It is not recommended to reconstitute to a concentration less than 100UG/ml. Dissolve the lyophilized protein in ddH2O
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.
Species	Mouse
Related Product Information for C3 recombinant protein	Mouse Complement Component C3a Recombinant Protein Tag Free Lyophilized has been recombinantly produced in E Coli. Complement is defined as key part of innate immunity and as the first line of defense in the fight against invading pathogens. Complement 3 (C3) is the most abundant component of the complement cascade and the convergent point for all three major complement activation pathways: namely classical, alternative and mannose-binding lectin pathways. Complement activation leads to the formation of the C3 convertase, which cleaves C3 into the key effector molecules, C3a (anaphylatoxin) and C3b (opsonin) which then drive microbe removal. By binding to C3a receptor (C3aR), C3a exhibits potent anaphylatoxin activity, including increased vascular permeability, triggering degranulation of mast cells, inflammation, and activating leukocytes. This recombinant protein can be used for biological assays.
Other Notes	Small volumes of C3 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for C3 purchase	MBS8433970 is a recombinant protein targeting C3. Also known as Mouse Complement Component C3a Recombinant Protein Tag Free Lyophilized. Host: E Coli.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C3. It may not necessarily be applicable to this product.

Protein Family	Complement C3
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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