

Complement C3 (C3) Recombinant Protein | C3 recombinant protein

Recombinant Bovine Complement C3 (C3), partial

CATALOG # AAA309822	HOST E Coli	REACTIVITY Bovine
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PRODUCT SYNONYMS

Complement C3 (C3); Recombinant Bovine Complement C3 (C3); partial; C3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Bovine
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer, 50% glycerol
Sequence Positions	Partial, 747-953aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C.

ADDITIONAL INFORMATION

Related Product Information for C3 recombinant protein	C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	99028969
NCBI GeneID	280677
NCBI Accession #	NP_001035559.2
NCBI GenBank Nucleotide #	NM_001040469.2
UniProt Accession #	Q2UVX4 ; Q2KIZ4
Molecular Weight	39.48 kDa
NCBI Official Full Name	complement C3 preproprotein
NCBI Official Symbol	C3
NCBI Protein Information	complement C3
UniProt Protein Name	Complement C3
UniProt Gene Name	C3
UniProt Synonym Gene Names	C3bc; ASP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/c3-recombinant-protein-e-coli/309822>