

Product Datasheet

Rabbit Complement C5 Protein (orb624214)

Description

Derived from proteolytic degradation of

mediator of local infla...

Reactivity

Rabbit

Endotoxins

1.0 EU per µg

Conjugation

Unconjugated

Target

Complement C5

Preservatives

PBS, pH7.4

Form/Appearance

Powder

Storage

-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Tag

C-10×His

Note

For research use only

Application notes

This protein carries a polyhistidine tag at the C-terminus. The mature form of Complement C5 is a disulfide-linked heterodimer composed of proteolytically cleaved α and β chain. During cultivation, Complement C5 will be partially processed into α and β chain and has a calculated MW of 73.8 kDa (β chain) and 111.9 kDa (α chain) respectively. The protein migrates as 80 kDa (β chain), 120 kDa (α chain) and 200 kDa (α & β chain) under reducing (R) condition (SDS-PAGE) due to glycosylation.

Purity

90%

Source

Rabbit Complement C5, His Tag (orb624214) is expressed from human 293 cells (HEK293). It contains AA Gln 19 - Ala 1678 (Accession # XP_008271599.1).

MW

73.8 kDa (β chain) & 111.9 kDa (α chain)

NCBI

[XP_008271599.1](#)

Expiration Date

6 months from date of receipt.