

Product Datasheet

Mouse Complement C5 Protein (orb653662)

Description Derived from proteolytic degradation of complement C5, C5 anaphylatoxin is a mediator of local infla...

Reactivity Mouse

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

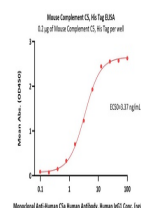
Application notes This protein carries a polyhistidine tag at the C-terminus. The mature form of Complement C5 is a disulfide-linked heterodimer composed of proteolytically cleaved α and β chain. Each α and β chain has a calculated MW of 73.5 kDa (β chain) and 114.6 kDa (α chain). The protein migrates as 66 kDa (β chain) and 100 kDa (α chain) under reducing (R) condition (SDS-PAGE) due to glycosylation.

Purity 95%

Source Mouse Complement C5, His Tag (orb653662) is expressed from human 293 cells (HEK293). It contains AA Gln 19 - Glu 1680 (Accession # P06684-1).

MW 73.5 kDa (β chain) & 114.6 kDa (α chain)

Expiration Date 6 months from date of receipt.



Immobilized
Mouse
Complement
C5, His
Tag...