

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

Product Datasheet

Human Factor B (Ba fragment) protein, His and GST tag (active), Unconjugated GTX00269-PRO

Artikelname	Human Factor B (Ba fragment) protein, His and GST tag (active), Unconjugated
Artikelnummer	GTX00269-PRO
Hersteller Artikelnummer	GTX00269-pro
Alternativnummer	GTX00269-PRO-10
Hersteller	GeneTex
Kategorie	Proteine/Peptide
Applikation	FA
Spezies Reaktivität	Human
Konjugation	Unconjugated
NCBI	629
UniProt	P00751
Puffer	Reconstitute with 20mM Tris and 150mM NaCl to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose, ProClin 300.
Expression System	E. coli
Formulierung	Lyophilized powder
Sequenz	N-terminal His and GST-Tag, Gly35~Asn160 (NP_001701.2)

Anwendungsbeschreibung	Complement Factor B (CFB) a component of the alternative pathway of complement activation. Upon activation of the alternative pathway, it is cleaved by complement factor D yielding the noncatalytic chain Ba and the catalytic subunit Bb. The active subunit Bb is a serine protease that associates with C3b to form the alternative pathway C3 convertase. The method of functional assay of CFB was tested in hemolysis assays. Two-fold dilute the recombinant human CFB with 0. 9% NaCl, 2 mmol/L MgCl₂, and then add same volume of 1% rabbit erythrocyte (RaE) in 8 mmol/L EDTA, the negative control only without MgCl₂. All the samples incubated at 37C. After 3 hours later, take 10 µl supernatant and 90µl TMB incubated at 37C for 5-10 minutes. Finally, add 50 µl stop solution to the wells and read at 450nm immediately. The minimal effective concentration of CFB is 0. 3125µg/ml.
------------------------	---