

Recombinant Human Complement C1r subcomponent Protein

RPCB0226



Product Information

Product SKU: RPCB0226 **Gene ID:** 715 **Size:** 10µg
Tag: C-His **Reactivity:** Human

Additional Information

Expression Host: HEK293 cells **Swissprot:** P00736
Purity: > 95% by SDS-PAGE.

Protein Information

Background: The classical complement pathway plays a major role in innate immunity against infection. This pathway is triggered by C1, a multimolecular complex composed of the recognition protein C1q and two serine proteases, C1r and C1s. Following the C1q recognition, C1r is autoactivated, and in turn activates C1s, which cleaves C4 and C2, the C1 substrates. C1r acts by transforming the activation signal into an enzymic activity. C1r is a single-chain glycoprotein which can be cleaved into an A chain and a B chain upon activation. This protien recognizes full-length C1r chain and the cleaved B chain.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Complement C1r subcomponent Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Storage: Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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