PRODUCT INFORMATION

Target	C9
Synonyms	C9D; ARMD15
Description	Recombinant human C9 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P02748
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	C9(Gln22-Lys559) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 61.8 kDa after removal of the signal peptide. The apparent molecular mass of C9-His is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes the final component of the complement system. It participates in the formation of the Membrane Attack Complex (MAC). The MAC assembles on bacterial membranes to form a pore, permitting disruption of bacterial membrane organization. Mutations in this gene cause component C9 deficiency. [provided by RefSeq, Feb 2009]
Usage	Research use only
Conjugate	Unconjugated

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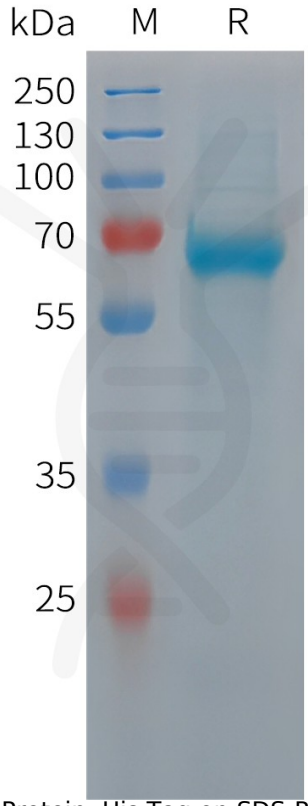


Figure 1. Human C9 Protein, His Tag on SDS-PAGE under reducing condition.

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