

32-18141: Recombinant Human CD55 Protein, His Tag

Uniprot ID : P08174

Alternative Name : CHAPLE; CR; CROM; DAF; TC

Description

Molecular Characterization: CD55(Asp35-Ser353) 6 \AA —His tag

Molecular weight: The protein has a predicted molecular mass of 35.8 kDa after removal of the signal peptide. The apparent molecular mass of CD55-His is approximately 35-70 kDa due to glycosylation.

Description: Recombinant Human CD55 Protein with C-terminal 6 \AA —His tag

This gene encodes a glycoprotein involved in the regulation of the complement cascade. Binding of the encoded protein to complement proteins accelerates their decay, thereby disrupting the cascade and preventing damage to host cells. Antigens present on this protein constitute the Cromer blood group system (CROM). Alternative splicing results in multiple transcript variants. The predominant transcript variant encodes a membrane-bound protein, but alternatively spliced transcripts may produce soluble proteins.

Product Info

Amount : 100 μg / 50 μg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.