Note: Centrifuge before opening to ensure complete recovery of vial contents.

| Description |  |
| :---: | :---: |
| Synonyms | Complement factor H-related protein 3;FHR-3;DOWN16;H factor-like protein 3;CFHR3;CFHL3 |
| Species | Human |
| Expression Host | HEK293 Cells |
| Sequence | Gln19-Glu330 |
| Accession | Q02985 |
| Calculated Molecular Weight | 36.4 kDa |
| Observed molecular weight | $43-56 \mathrm{kDa}$ |
| Tag | C-His |
| Properties |  |
| Purity | > $95 \%$ as determined by reducing SDS-PAGE. |
| Endotoxin | $<1.0 \mathrm{EU}$ per $\mu \mathrm{g}$ of the protein as determined by the LAL method. |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to $-80^{\circ} \mathrm{C}$. Reconstituted protein solution can be stored at $4-8^{\circ} \mathrm{C}$ for $2-7$ days. Aliquots of reconstituted samples are stable at $<-20^{\circ} \mathrm{C}$ for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from a $0.2 \mu \mathrm{~m}$ filtered solution of PBS, pH 7.4 . <br> Normally $5 \%-8 \%$ trehalose, mannitol and $0.01 \%$ Tween80 are added as protectants before lyophilization. <br> Please refer to the specific buffer information in the printed manual. |
| Reconstitution | Please refer to the printed manual for detailed information. |
| Data |  |


$>95 \%$ as determined by reducing SDS-PAGE.

## Background

Complement factor H-related protein 3 is a protein that in humans is encoded by the CFHR3 gene. It is a secreted protein that belongs to the complement factor H protein family. Members of the H-related protein family are exclusively composed of individually folded protein domains. CFHR3 is synthesized as a 330 amino acid precursor that contains an 18 amino acid signal peptide and a 312 amino acid mature chain. Human CFCR3 protein might be involved in complement regulation.

