## Synonym

IGFBP-3 R,TMEM219,Insulin-like growth factor-binding protein 3 receptor,Transmembrane protein 219

## Source

Human IGFBP-3 R, Fc Tag(IGR-H5259) is expressed from human 293 cells (HEK293). It contains AA Ser 39 - Arg 204 (Accession # Q86XT9-1).

## Molecular Characterization

| IGFBP3R(Ser 39 - Arg 204) Q86XT9-1 | Fc(Pro 100 - Lys 330) P01857 |
|---|---|

This protein carries a human IgG1 Fc tag at the C-terminus.

The protein has a calculated MW of 44.3 kDa. The protein migrates as 58-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

## Endotoxin

Less than 1.0 EU per μg by the LAL method / rFC method.

## Purity

>90% as determined by SDS-PAGE.

## Formulation

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

## Reconstitution

Please see Certificate of Analysis for specific instructions.

***For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.***

## Storage

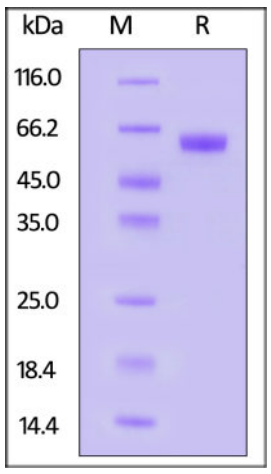
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

***Please avoid repeated freeze-thaw cycles.***

This product is stable after storage at:

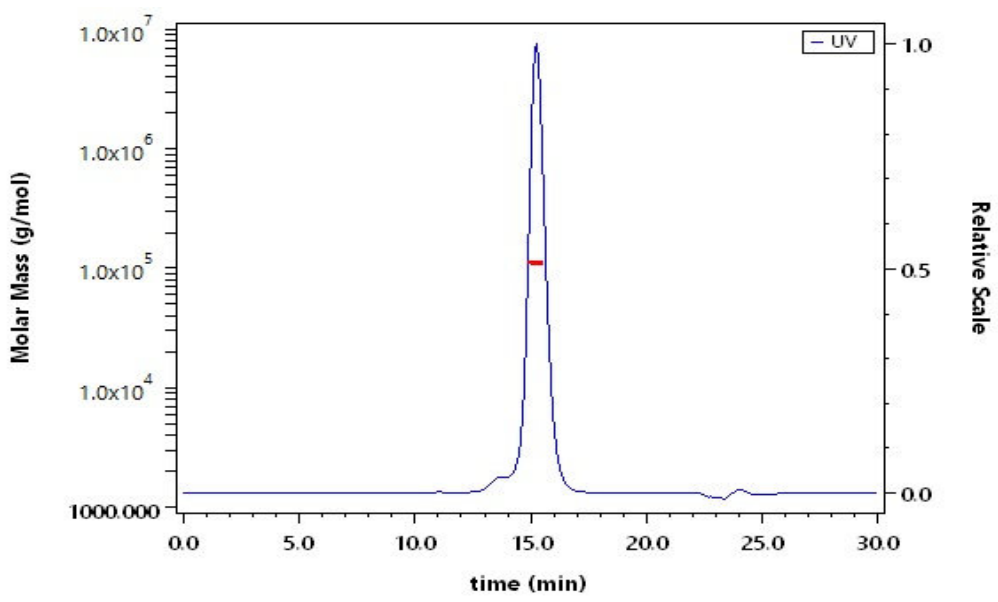
- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

## SDS-PAGE




Human IGFBP-3 R, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

## SEC-MALS




The purity of Human IGFBP-3 R, Fc Tag (Cat. No. IGR-H5259) is more than 85% and the molecular weight of this protein is around 100-120 kDa verified by SEC-MALS.
Report

## Background

# Human IGFBP-3 R / TMEM219 Protein, Fc Tag (MALS verified)

Catalog # IGR-H5259

IGFBP-3 R, also know as TMEM219, is a cell death receptor specific for IGFBP3. IGFBP-3R is expressed on the cell surface, interacts specifically with IGFBP-3 but not other IGFBP species. It activates initiator caspase-8, and mediates IGFBP-3-induced apoptosis in vitro and tumor suppression in vivo.