

# Human IGJ (His Tag) recombinant protein



Catalog Number: 502199

## General Information

### Protein Construction

A DNA sequence encoding the mature form of human IGJ (NP\_653247.1) (Gln 23-Asp 159) was fused with a polyhistidine tag at the C-terminus and a pelB signal peptide at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gln 23

### Molecular Mass

The recombinant human IGJ comprises 147 amino acids and has a predicted molecular mass of 17 kDa. It migrates as an approximately 26 kDa band

in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

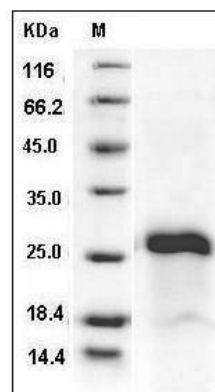
Store it under sterile conditions at -20°C to -80°C.

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human IGJ / Immunoglobulin J chain Protein (His Tag) SDS-PAGE