

Human Opalin / TMEM10 (Fc Tag) recombinant protein



Catalog Number: 500037

General Information

Gene Name Synonym

Oligodendrocytic myelin paranodal and inner loop protein; Transmembrane protein 10

Protein Construction

A DNA sequence encoding the human OPALIN (Q96PE5-2) (Thr51-Glu141) was expressed with the Fc region of mouse IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

(80.7+11.2) % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Asp

Molecular Mass

The recombinant human OPALIN/mFc comprises 327 amino acids and has a predicted molecular mass of 37.4 kDa. The apparent molecular mass of the monomer is approximately 44 and 33 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

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

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

Usage Guide

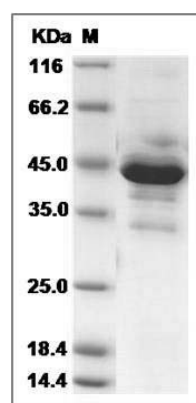
Storage

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 OPALIN Protein (Fc Tag) SDS-PAGE