

## Recombinant Human OPALIN, Fc tagged

**Cat. No.** OPALIN-567H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human OPALIN (Q96PE5-2) (Thr51-Glu141), fused with the Fc region of mouse IgG1 at the N-terminus, was produced in Human Cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	51-141 a.a.
<b>Predicted N Terminal</b>	Asp
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	(80.7+11.2) % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** OPALIN oligodendrocytic myelin paranodal and inner loop protein [ Homo sapiens ]

**Official Symbol** OPALIN

**Gene ID** 93377

**mRNA Refseq** NM\_033207.3

**Protein Refseq** NP\_149984.1

**UniProt ID** Q96PE5

**Chromosome Location** 10q23-q24

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