

Recombinant Human OPALIN protein(Thr51-Glu141), mFc-tagged

Cat. No. OPALIN-3249H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OPALIN (Q96PE5-2) (Thr51-Glu141) was expressed in HEK293 with the Fc region of Mouse IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	Thr51-Glu141
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. 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

Synonyms TMP10; HTMP10; TMEM10

Gene ID 93377

mRNA Refseq NM_033207.3

Protein Refseq NP_149984.1

UniProt ID Q96PE5

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