

Recombinant Human OPALIN Protein, mFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human OPALIN Protein(Q96PE5-2) (Thr51-Glu141) was expressed in HEK293, with the Fc region of mouse IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	51-141 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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	(80.7+11.2) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 of

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

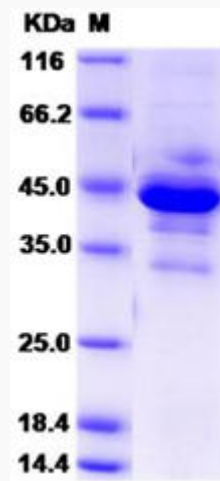
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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

SDS-PAGE



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