

## Opticin Human Recombinant

<b>Item Number</b>	rAP-4247
<b>Synonyms</b>	Opticin, Oculoglycan, OPT.
<b>Description</b>	OPTC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 336 amino acids (20-332 a.a) and having a molecular mass of 37.6kDa.
<b>Uniprot Accesion Number</b>	Q9UBM4
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSASLPRKE RKRREEQMPR EGDSFEVLPL RNDVLNPDNY GEVIDLSNYE ELTDYGDQLP EVKVTSLAPA TSISPAKSTT APGTPSSNPT MTRPTTAGLL LSSQPNHGLP TCLVCVCLGS SVYCDDIDLE DIPPLPRRTA YLYARFNRI RIRAEDFKGL
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	OPTC protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**