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## Product Datasheet

### Recombinant Human Long-wave-sensitive opsin 1 (OPN1LW) BYT-ORB1095911

Article Name	Recombinant Human Long-wave-sensitive opsin 1 (OPN1LW)
Biozol Catalog Number	BYT-ORB1095911
Supplier Catalog Number	orb1095911
Alternative Catalog Number	BYT-ORB1095911-100, BYT-ORB1095911-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Human Long-wave-sensitive opsin 1 (OPN1LW) spans the amino acid sequence from region 1-364aa. Purity: Greater than 85% as determined by SDS-PAGE....
Molecular Weight	43.4 kDa
UniProt	<a href="#">P04000</a>
Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Source	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Form	Liquid or Lyophilized powder

Sequence	MAQQWSLQRLAGRHPQDSYEDSTQSSIFTYTNSNSTRGPFEGPNYHIAPRWV YHLTSVWMIFVVTASVFTNGLVLAATMKFKLRHPLNWILVNLAVADLAETVIA STISIVNQVSGYFVLGHMPCVLEGYTVSLCGITGLWLSLAISWERWLVVCKPFG NVRFDAKLAIVGIAFSWIWSAVWTAPPIFGWSRYWPHGLKTSCGPDVFSGSS YPGVQSYMIVLMVTCCIIPLAIIMLCYLQVWLAIRAVAKQQKE
Application Notes	Biological Origin: Homo sapiens (Human). Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference