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## Product Datasheet

### Recombinant Human Long-wave-sensitive opsin 1 (OPN1LW) CSB-CF016351HU

Article Name	Recombinant Human Long-wave-sensitive opsin 1 (OPN1LW)
Biozol Catalog Number	CSB-CF016351HU
Supplier Catalog Number	CSB-CF016351HU
Alternative Catalog Number	CSB-CF016351HU-100, CSB-CF016351HU-20
Manufacturer	Cusabio
Category	Proteine/Peptide
Molecular Weight	43.4 kDa
Tag	N-terminal 10xHis-tagged
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	in vitro E.coli expression system
Expression System	1-364aa
Purity	Greater than 85% as determined by SDS-PAGE.
Form	Liquid or Lyophilized powder

Sequence

MAQQWSLQRLAGRHPQDSYEDSTQSSIFTYTNSNSTRGPFEGPNYHIAPRWV  
YHLTSVWMIFVVTASVFTNGLVLAATMKFKLRHPLNWILVNLAVADLAETVIA  
STISIVNQVSGYFVLGHMPCVLEGYTVSLCGITGLWSLAIISWERWLVVCKPFG  
NVRFDAKLAIVGIAFSWIWSAVWTAPPIFGWSRYWPHGLKTSCGPDVFSGSS  
YPGVQSYMIVLMVTCCIIPLAIIMLCYLQVWLAIRAVAKQQK