

# Recombinant *Salmo salar* (Atlantic salmon) Vertebrate ancient opsin Transmembrane protein, His-SUMO-tagged

**Cat. No.** Vertebrate ancient opsin-295S    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant <i>Salmo salar</i> (Atlantic salmon) Vertebrate ancient opsin protein(O13018)(1-75aa), fused with N-terminal His-SUMO tag, was expressed in in vitro <i>E. coli</i> expression system.
<b>Species</b>	<i>Salmo salar</i> (Atlantic salmon)
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	1-75aa
<b>Form</b>	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.
<b>Molecular Mass</b>	24.5kDa
<b>AA Sequence</b>	MDTLRIAVNGVSYNEASEIYKPHADPFTGPITNLAPWNFAVLATLMFVITSLSLFENFT VMLATYKFKQLRQPLN
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

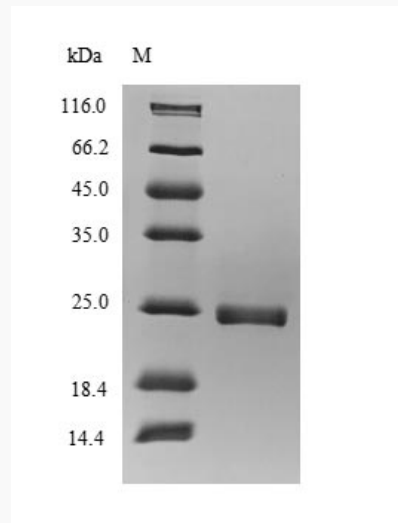
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**Reconstitution**

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.

**SDS-PAGE**

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