

Product no **AS07 274****Ycf4 | photosystem I assembly protein ycf4****Product information**

<b>Immunogen</b>	full length recombinant ycf4 protein of <i>Chlamydomonas reinhardtii</i> UniProt: <a href="#">O20030</a> as described in <a href="#">Boudreau et al. 1997</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	200 µl
<b>Reconstitution</b>	For reconstitution add 200 µl of sterile water
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

**Application information**

<b>Recommended dilution</b>	1 : 1000 (WB)
<b>Expected   apparent MW</b>	22 kDa
<b>Confirmed reactivity</b>	<i>Chlamydomonas reinhardtii</i> , cyanobacteria
<b>Predicted reactivity</b>	<i>Chlamydomonas reinhardtii</i> , Cyanobacteria
	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	<i>Arabidopsis thaliana</i>
<b>Selected references</b>	<a href="#">Heinricke</a> et al. (2016). Tetratricopeptide repeat protein protects photosystem I from oxidative disruption during assembly. Proc Natl Acad Sci U S A. 2016 Mar 8;113(10):2774-9. doi: 10.1073/pnas.1524040113 <a href="#">Naver</a> et al. (2001). Functional studies of Ycf3. The Plant Cell 13:2731- 2746. <a href="#">Boudreau</a> et al. (1997) The chloroplast ycf3 and ycf4 open reading frames of Chlamydomonas reinhardtii are required for the accumulation of the photosystem I complex. The EMBO J.16:6095-6104.