

Product no **AS15 3090****GUN4 | Regulatory subunit of Mg-chelatase****Product information**

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| Immunogen | His-tagged, recombinant GUN4 from <i>Chlamydomonas reinhardtii</i> , overexpressed in <i>E.coli</i> , UniProt: A815N5 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Serum |
| Format | Lyophilized |
| Quantity | 50 µl |
| Reconstitution | For reconstitution add 50 µl of sterile water |
| Storage | 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

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| Recommended dilution | 1 : 4000 (WB) |
| Expected apparent MW | 29 27 kDa |
| Confirmed reactivity | <i>Chlamydomonas reinhardtii</i> |
| Predicted reactivity | <i>Chlamydomonas reinhardtii</i> |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Selected references | Upadhyaya and Jagadeeshwar Rao (2019). Reciprocal regulation of photosynthesis and mitochondrial respiration by TOR kinase in <i>Chlamydomonas reinhardtii</i> . Plant Direct Volume 3, Issue 11. Formigheri et al. (2012). Retrograde signaling and photoprotection in a <i>gun4</i> mutant of <i>Chlamydomonas reinhardtii</i> . Mol Plant. 2012 Nov;5(6):1242-62. doi: 10.1093/mp/sss051. Epub 2012 Jul 5. |