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## Product Datasheet

### PsaC | PSI positive control/quantitation standard AGR-AS04-042S

Article Name	PsaC   PSI positive control/quantitation standard
Biozol Catalog Number	AGR-AS04-042S
Supplier Catalog Number	AS04-042S
Alternative Catalog Number	AGR-AS04-042S
Manufacturer	Agrisera
Category	Sonstiges
Application	WB
Product Description	PsaC is a conserved, chloroplast-encoded, Fe-S binding protein of approximately 10kDa, present in all known Photosystem I complexes. It is located on the stromal side of the thylacoid membranes. PsaC coordinates the Fe-S clusters FA and FB through tw...
Molecular Weight	11,5 kDa (larger than native protein due to the addition of His-tag), In most gels PsaC migrates between 9 and 14 kDa
Form	Lyophilized in glycerol.
Antibody Type	Secondary Antibody
Application Dilute	Positive control: a 2 µL load per well is optimal for most chemiluminescent detection systems. Standard curve: 3 loads are recommended (eg. 0.5, 2 and 4µL). For most applications a sample load of 0.2 µg of chlorophyll will give a PsaC signal in this rang

Application Notes

Protein standard buffer composition: Protein standard buffer composition: Glycerol 10%, Tris Base 141 mM, Tris HCl 106 mM, LDS 2%, EDTA 0.51 mM, SERVA Blue G250 0.22 mM, Phenol Red 0.175 mM, pH 8.5, 0.1mg/ml PefaBloc protease inhibitor (Roche), 50mM DTT.