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Product Datasheet

PetC | Rieske iron-sulfur protein of Cyt b6/f complex, protein standard AGR-AS08-330S

Article Name	PetC Rieske iron-sulfur protein of Cyt b6/f complex, protein standard
Biozol Catalog Number	AGR-AS08-330S
Supplier Catalog Number	AS08-330S
Alternative Catalog Number	AGR-AS08-330S
Manufacturer	Agrisera
Category	Proteine/Peptide
Application	WB
Product Description	Rieske Iron-Sulfur Protein (Q9ZR03) is located in chloroplast thylakoid membrane as a component of cytochrome b6-f complex, which mediates electron transfer between photosystem II (PSII) and photosystem I (PSI), cyclic electron flow around PSI, and st...
Molecular Weight	33 kDa (larger than native protein due to the addition of His-tag), In most gel systems, PetC protein migrates at 23 kDa
Form	Lyophilized
Antibody Type	Secondary Antibody
Application Dilute	Standard curve: 3 loads are recommended (0.5, 2 and 4µl). For most applications a sample load of 0.2µg of chlorophyll will give a PsbA signal in this range. Positive control: a 2µl load per well is optimal for most chemiluminescent detection systems. This sta

Application Notes

Concentration: after adding 225 μl of milliQ water final concentration of the standard is 0.15 pmol/ μl 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. This standard is ready-to-load and does not require any additions or heating. It needs to be fully thawed and thoroughly mixed prior to using. Avoid vigorous vortexing, as buffers contain detergent. Following mixing, briefly pulse in a microcentrifuge to collect material from cap. This standard is stabilized and ready and does not require heating before loading on the gel. Please note that this product contains 10% glycerol and might appear as liquid but is provided lyophilized. Allow the product several minutes to solubilize after adding water. Mix thoroughly but gently Take extra care to mix thoroughly before each use, as the proteins tend to settle with the more dense layer after freezing.