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Product Datasheet

FtsH2 | FtsH2 positive control/quantitation standard AGR-AS11-1789S

Artikelname	FtsH2 FtsH2 positive control/quantitation standard
Artikelnummer	AGR-AS11-1789S
Hersteller Artikelnummer	AS11-1789S
Alternativnummer	AGR-AS11-1789S
Hersteller	Agrisera
Kategorie	Sonstiges
Applikation	WB
Produktbeschreibung	FtsH belong to a family of ATP dependent peptidases. Localized in a chloroplast are following isoforms: FTSH1 (synonymes AAA, FTSH, FTSH Protease 1), FtsH2 (VAR2, VARIEGATED 2), FtsH5 (VAR1, VARIEGATED 1), FtsH6 (FTSH PROTEASE 6), FtsH7, FtsH8. FtsH9...
Molekulargewicht	75 kDa
Formulierung	Lyophilized
Antibody Type	Secondary Antibody
Application Verdünnung	Standard curve: 3 loads are recommended (0.5, 2 and 4 µl).For most applications a sample load of 0.2µg of chlorophyll will give a FtsH2 signal in this range.Positive control: load per well: a 2 µl load is optimal for most chemiluminescent detection system

Anwendungsbeschreibung

Concentration: after adding 225 μ l of sterile milliQ water final concentration of the standard is 0.1 pmoles/ μ l
Protein standard buffer composition: Glycerol 10%, Tris Base 141 mM, Tris HCl 106 mM, LDS 2%, EDTA 0.51mM, SERVA Blue G250 0.22 mM, Phenol Red 0.175 mM, pH 8.5, 0.1 mg/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,