BIOZOL
Diagnostica Vertrieb GmbH, Oehleckerring 11-13
22419 Hamburg, Germany
Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99
E-Mail: info@biozol.de

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Product Datasheet

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

Article Name	FtsH2 | FtsH2 positive control/quantitation standard
Biozol Catalog Number	AGR-AS11-1789S
Supplier Catalog Number	AS11-1789S
Alternative Catalog Number	AGR-AS11-1789S
Manufacturer	Agrisera
Category	Sonstiges
Application	WB
Product Description	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...
Molecular Weight	75 kDa
Form	Lyophilized
Antibody Type	Secondary Antibody
Application Dilute	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

Application Notes	Concentration: after adding 225 µl of sterile milliQ water final concentration of the standard is 0.1 pmoles/µlProtein 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 careto mix thoroughly before each use, as the proteins tend to settle with the more dense layer after freezing,