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GRP78 Protein (AA 19-654) (His tag)





Overview

Overview	
Quantity:	50 μg
Target:	GRP78 (HSPA5)
Protein Characteristics:	AA 19-654
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRP78 protein is labelled with His tag.
Application:	Western Blotting (WB), ELISA
Product Details	
Purity:	Greater than 95 % by SDS-PAGE gel analyses
Sterility:	0.2 μm filtered
Target Details	

Target:	GRP78 (HSPA5)
Alternative Name:	HSPA5 (HSPA5 Products)
Background:	Endoplasmic reticulum chaperone BiP, EC 3.6.4.10, 78 kDa glucose-regulated protein, GRP-78, Binding-immunoglobulin protein, BiP, Heat shock protein 70 family protein 5, HSP70 family protein 5, Heat shock protein family A member 5, Immunoglobulin heavy chain-binding protein, GRP78
Molecular Weight:	65 kDa

Target Details

UniProt:	P11021
Pathways:	Thyroid Hormone Synthesis, ER-Nucleus Signaling

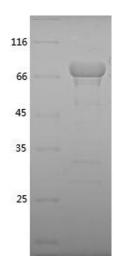
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 μ g/mL in sterile distilled water by gentle pipetting 2-3 times, don't vortex
Buffer:	Lyophilized from a 0.2 µm filtered solution in PBS with 5 % trehalose, pH 7.4
Storage:	4 °C,-20 °C
Storage Comment:	-20°C for 12 months as lyophilized, 2-8°C for 1 month under sterile conditions after reconstitution
Expiry Date:	12 months

Images



Western Blotting

Image 1.