

Datasheet for ABIN7577296
GRP78 Protein (His tag)



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Overview

Quantity:	100 µg
Target:	GRP78 (HSPA5)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRP78 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA

Product Details

Purpose:	Recombinant Human GRP78/HSPA5 Protein, N-His
Sequence:	Thr500-Leu654

Target Details

Target:	GRP78 (HSPA5)
Alternative Name:	GRP78/HSPA5 (HSPA5 Products)
Background:	Heat shock protein 70 family protein 5, 78 kDa glucose-regulated protein, HSPA5, Binding-immunoglobulin protein, GRP-78, HSP70 family protein 5, Heat shock protein family A member 5, Endoplasmic reticulum chaperone BiP, GRP78, BiP, Immunoglobulin heavy chain-binding protein
Molecular Weight:	21.80 kDa
UniProt:	P11021

Target Details

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: Reconstitute in sterile water for a stock solution.

Buffer: Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.

Storage: 4 °C, -20 °C

Storage Comment: Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 °C for twelve months from the date of receipt.