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Datasheet for ABIN7505091

**GRP78 Protein (AA 261-470) (His tag)**

## Overview

Quantity:	100 µg
Target:	GRP78 (HSPA5)
Protein Characteristics:	AA 261-470
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRP78 protein is labelled with His tag.

## Product Details

Sequence:	Gln 261-Glu 470
Characteristics:	A DNA sequence encoding the Human GRP78 protein (P11021) (Gln 261-Glu 470) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	GRP78 (HSPA5)
Alternative Name:	GRP78 ( <a href="#">HSPA5 Products</a> )
Background:	<p>Background: GRP78 (Glucose-regulated protein 78 kDa, also BiP and HSPA5) is a 72 kDa member of the heat shock protein 70 family of proteins. Intracellularly, GRP78 is an endoplasmic reticulum chaperone that participates in protein folding, extracellularly, it indu</p> <p>Synonym: HSPA5,BIP,GRP78,HEL-S-89n,MIF2</p>

### Target Details

Molecular Weight:	22.99 kDa
UniProt:	<a href="#">P11021</a>
Pathways:	<a href="#">Thyroid Hormone Synthesis</a> , <a href="#">ER-Nucleus Signaling</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months