

Datasheet for ABIN667728

GRP78 Protein (AA 20-650) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	GRP78 (HSPA5)
Protein Characteristics:	AA 20-650
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)

Product Details

Characteristics:	BIP, 20-650aa, Human, His-Tagged, Recombinant, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	GRP78 (HSPA5)
Alternative Name:	BIP (HSPA5 Products)
Background:	Binding immunoglobulin protein (BiP) belongs to the family of ~70 kDa heat shock proteins (HSP 70). It is a stress response protein which is induced by agents or conditions that adversely affect endoplasmic reticulum (ER) function. This protein is essential for the proper glycosylation, folding as well as for the maintenance of cell homeostasis and the prevention of apoptosis. Recombinant human BIP protein, fused to His-tag at C-terminus, was expressed in

Target Details

E.coli and purified by using conventional chromatography techniques. Synonyms: HSPA5, heat shock 70kDa protein 5, GRP78, glucose-regulated protein 78kD, MIF2, Binding immunoglobulin protein, BIP, Binding immunoglobulin protein 78 kDa glucose regulated protein, Endoplasmic reticulum lumenal Ca2+ binding protein grp78, FLJ26106, Glucose Regulated Protein 78kDa, GRP 78, GRP78, Heat Shock 70kDa Protein 5, HSPA 5, Immunoglobulin Heavy Chain Binding Protein. NCBI no.: NP_005338.1

Molecular Weight:	71 kDa (640 aa)
Pathways:	Thyroid Hormone Synthesis , ER-Nucleus Signaling

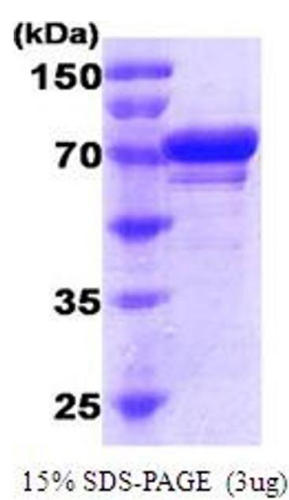
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid in 20mM Tris pH 8.0, 10% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.