

Datasheet for ABIN667294

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:	Hi-5 Cells
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 tag, Hi-5 Cell
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

	Hi-5 cell using baculovirus expression system and purified by using conventional chromatography. Synonyms: Binding immunoglobulin protein, HSPA5, heat shock 70kDa protein 5, GRP78, glucose-regulated protein 78kD, MIF2. NCBI no.: NP_005338
Molecular Weight:	71kDa (640aa)
Pathways:	Thyroid Hormone Synthesis , ER-Nucleus Signaling

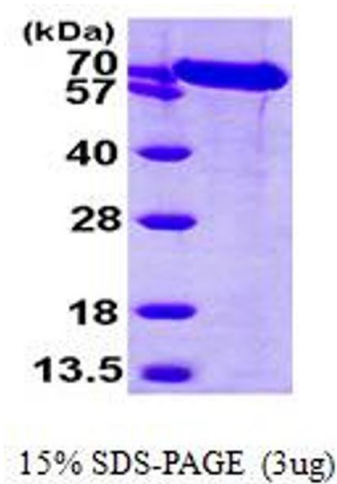
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1mg/ml (determined by Bradford assay)
Buffer:	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT, 200mM NaCl
Storage:	4 °C

Images



SDS-PAGE

Image 1.