

Datasheet for ABIN7479314

**ERP29 Protein (AA 40-251, partial) (GST tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	ERP29
Protein Characteristics:	AA 40-251, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERP29 protein is labelled with GST tag.
Application:	ELISA

## Product Details

Sequence:	PLDVTIFYKV IPKSKFVLVK FDTQYPYGEK QDEFKRLAEN SASSDLLVA EVGISDYGDK LNMELSEKYK LDKESYPVFY LFRDGFENP VPYTGAVKVG AIQRWLKGQG VYLGMPGCLP VYDALAGEFI RASGVEARQA LLKQGQDNLS SVKETQKKWA EQYLKIMGKI LDQGEDFPAS EMTRIARLIE KNKMSDGKKE ELQKSLNILT AF
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

## Target Details

Target:	ERP29
Alternative Name:	Endoplasmic reticulum resident protein 29 protein ( <a href="#">ERP29 Products</a> )

## Target Details

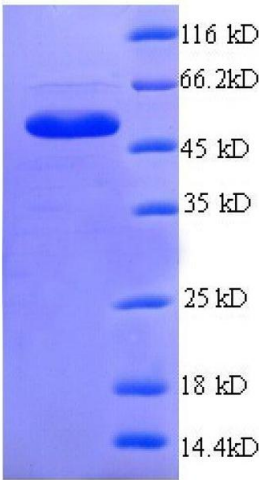
Background:	Does not seem to be a disulfide isomerase. Plays an important role in the processing of secretory proteins within the endoplasmic reticulum (ER), possibly by participating in the folding of proteins in the ER.
Molecular Weight:	51.4 kD
UniProt:	<a href="#">P30040</a>

## Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



SDS-PAGE

**Image 1.** Endoplasmic Reticulum Protein 29 (ERP29) (AA 40-251), (partial) protein (GST tag)