Datasheet for ABIN7479245

PFDN1 Protein (AA 2-122) (GST tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	PFDN1
Protein Characteristics:	AA 2-122
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFDN1 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	AAPVDLELKK AFTELQAKVI DTQQKVKLAD IQIEQLNRTK KHAHLTDTEI MTLVDETNMY EGVGRMFILQ SKEAIHSQLL EKQKIAEEKI KELEQKKSYL ERSVKEAEDN IREMLMARRA Q
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

Target Details

Target:	PFDN1
Alternative Name:	Prefoldin subunit 1 protein (PFDN1 Products)
Background:	Binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. Binds to nascent polypeptide chain and promotes folding in an environment in which there are many

Target Details

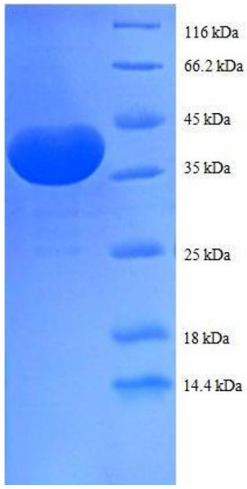
	competing pathways for nonnative proteins.
Molecular Weight:	41.5 kD
UniProt:	O60925
Pathways:	Unfolded Protein Response

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 modificated 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. Prefoldin Subunit 1 (PFDN1) (AA 2-122) protein (GST tag)