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Datasheet for ABIN7505065

**IDE Protein (AA 753-973) (His tag)**

## Overview

Quantity:	100 µg
Target:	IDE
Protein Characteristics:	AA 753-973
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IDE protein is labelled with His tag.

## Product Details

Sequence:	Ala 753-Pro 973
Characteristics:	A DNA sequence encoding the Human IDE protein (P14735) (Ala 753-Pro 973) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	IDE
Alternative Name:	IDE ( <a href="#">IDE Products</a> )
Background:	Background: Insulin-Degrading Enzyme (IDE) is a secreted enzyme that belongs to the peptidase M16 family. IDE is a large zinc-binding protease and cleaves multiple short polypeptides that vary considerably in sequence. IDE plays a role in the cellular breakdown of in Synonym: Insulin-Degrading Enzyme, Abeta-Degrading Protease, Insulin

## Target Details

	Protease,Insulinase,Insulysin,IDE
Molecular Weight:	24.2 kDa
UniProt:	<a href="#">P14735</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</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