

Product datasheet

Recombinant Human Insulin degrading enzyme / IDE protein ab152467

[1 Image](#)

Description

Product name	Recombinant Human Insulin degrading enzyme / IDE protein	
Expression system	Wheat germ	
Accession	<u>P14735</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	RDNTEVAYLKTLTKEDIKFKYKEMLAVDAPRRHKVSVHVLAREMDSCPVV GEFPCQNDINLSQAPALPQPEVIQNMTEFKRGLPLFPLVK PHINFMAAKL	
Predicted molecular weight	37 kDa including tags	
Amino acids	920 to 1019	

Specifications

Our **Abpromise guarantee** covers the use of **ab152467** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot SDS-PAGE ELISA
Form	Liquid

Additional notes

Preparation and Storage

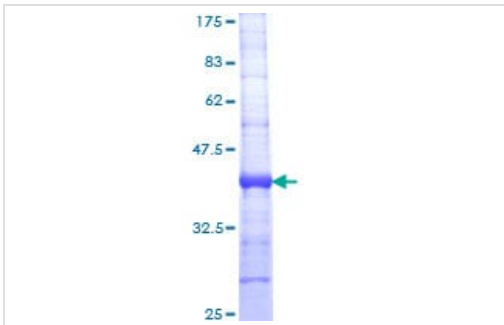
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Plays a role in the cellular breakdown of insulin, IAPP, glucagon, bradykinin, kallidin and other peptides, and thereby plays a role in intercellular peptide signaling. Degrades amyloid formed by APP and IAPP. May play a role in the degradation and clearance of naturally secreted amyloid beta-protein by neurons and microglia.
Sequence similarities	Belongs to the peptidase M16 family.
Post-translational modifications	The N-terminus is blocked.
Cellular localization	Cytoplasm. Cell surface. Present at the cell surface of neuron cells. The membrane-associated isoform is approximately 5 kDa larger than the known cytosolic isoform.

Images



12.5% SDS-PAGE analysis of ab152467 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Insulin degrading enzyme / IDE protein (ab152467)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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