

Product datasheet

Recombinant Human NPL4 protein ab153406

1 Image

Overview

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**Product name** Recombinant Human NPL4 protein  
**Protein length** Protein fragment

Description

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**Nature** Recombinant  
**Source** Wheat germ

Amino Acid Sequence

**Species** Human  
**Sequence** MAESIIIRVQSPDGVKCRITATKRETAATFLKKVAKEFGFQNGFSVYINR  
 NKTGEITASSNKSLNLLKIKHGDLLFLPSSLAGPSSSEMETSVPFGFKVF  
 GAPNVVEDE  
**Amino acids** 1 to 109  
**Tags** proprietary tag N-Terminus

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab153406** in the following tested applications.  
 The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** ELISA  
 Western blot  
**Form** Liquid  
**Additional notes** Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

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

## General Info

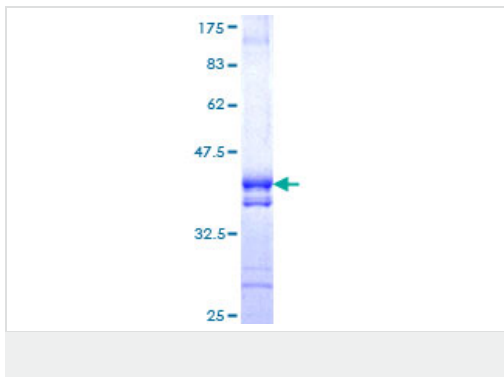
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<b>Function</b>	The ternary complex containing UFD1L, VCP and NPLOC4 binds ubiquitinated proteins and is necessary for the export of misfolded proteins from the ER to the cytoplasm, where they are degraded by the proteasome. The NPLOC4-UFD1L-VCP complex regulates spindle disassembly at the end of mitosis and is necessary for the formation of a closed nuclear envelope.
<b>Tissue specificity</b>	Expressed at highest levels in brain, heart, skeletal muscle, kidney and fetal liver.
<b>Pathway</b>	Protein degradation; proteasomal ubiquitin-dependent pathway.
<b>Sequence similarities</b>	Belongs to the NPL4 family. Contains 1 RanBP2-type zinc finger.
<b>Domain</b>	Binds ubiquitinated proteins via its RanBP2-type zinc finger.
<b>Cellular localization</b>	Cytoplasm > cytosol. Endoplasmic reticulum. Nucleus. Associated with the endoplasmic reticulum and nuclear.

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## Images

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ab153406 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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