

Product datasheet

Recombinant Human MRPL41 protein ab163907

1 Image

Overview

Product name	Recombinant Human MRPL41 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	MGVLAAAARCLVRGADRMSKWTSKRGPRSFGRKKG RGAKGIGFLTSGWRF VQIKEMVPEFVVPDLTGFKLKPYSYLAPSEETPLTA AQLFSEAVAPAI EKDFKDGTFDPDNLEKYGFQEPTEQEGKLFQLYPRNFLR
Amino acids	1 to 137
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab163907** 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.

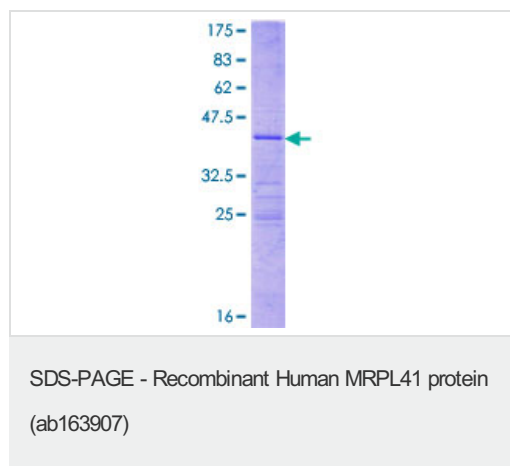
Preparation and Storage

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
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General Info

Function	Component of the mitochondrial ribosome large subunit. Also involved in apoptosis and cell cycle. Enhances p53/TP53 stability, thereby contributing to p53/TP53-induced apoptosis in response to growth-inhibitory condition. Enhances p53/TP53 translocation to the mitochondria. Has the ability to arrest the cell cycle at the G1 phase, possibly by stabilizing the CDKN1A and CDKN1B (p27Kip1) proteins.
Tissue specificity	Present in kidney, liver, thymus and testis, and at lower level in brain and spleen (at protein level).
Sequence similarities	Belongs to the ribosomal protein L41 family.
Cellular localization	Mitochondrion.

Images



ab163907 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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