

Product datasheet

Recombinant Human PEX26 protein ab167869

1 Image

Description	
Product name	Recombinant Human PEX26 protein
Purity	> 90 % SDS-PAGE. ab167869 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q7Z412</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKSDSST SAAPLRGLGG PLRSSEPVRA VPARAPAVDL LEEAADLLVV HLDFRAALET CERAWQSLAN HAVAEEPAGT SLEVKCSLCV VGIQALAEMD RWQEVLSWVL QYYQVPEKLP PKVLELCILL YSKMQEPGAV LDVVGAWLQD PANQNLPEYG ALAEFHVQRV LLPLGCLSEA EELVVGSAAF GEERRLDVLQ AIHTARQQQK QEHSGSEEAQ KPNLEGSVSH KFLSLPMLVR QLWDSAVSH
Predicted molecular weight	29 kDa including tags
Amino acids	1 to 246
Tags	His tag N-Terminus

Specifications	
Our <b>Abpromise guarantee</b> covers the use of <b>ab167869</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris-HCl buffer, 0.02% DTT, 20% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

## General Info

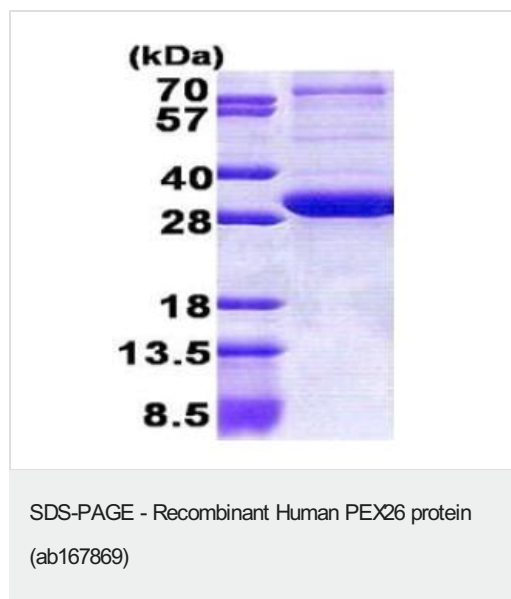
### Relevance

PEX26 is probably required for protein import into peroxisomes. It anchors PEX1 and PEX6 to peroxisome membranes, possibly to form heteromeric AAA ATPase complexes required for the import of proteins into peroxisomes. Defects in the PEX26 gene are the cause of peroxisome biogenesis disorder complementation group 8 (PBD-CG8), which is a group of peroxisomal disorders arising from a failure of protein import into the peroxisomal membrane or matrix.

### Cellular localization

Peroxisome membrane.

## Images



15% SDS-PAGE analysis of 3µg ab167869.

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

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