

Datasheet for ABIN7550745

**Peroxisomal Biogenesis Factor 5-Like (PEX5L) (AA 1-626)
protein (His tag)**[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Peroxisomal Biogenesis Factor 5-Like (PEX5L)
Protein Characteristics:	AA 1-626
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PEX5L Protein expressed in mammalien cells.
Sequence:	MYQGHMQKSK EQGYGKLSSD EDLEIIVDQK QGKGSRAADK AVAMVMKEIP REESAEEKPL LTMTSQLVNE QQESRPLLSP SIDDFLCETK SEAIARPVTS NTAVLTTGLD LLDLSEPVSQ TQTKAKKSEP SSKTSSLKKK ADGSDLISTD AEQRGQPLRV PETSSLDLDI QTQLEKWDDV KFHGDRNTKG HPMARERKSSS SRTGSKELLW SSEHRSQPEL SGGKSALNSE SASELELVAP TQARLTKEHR WGSALLSRNH SLEEEFERAK AAVESDTEFW DKMQAEWEEM ARRNWISENQ EAQNQVTISA SEKGYFFHTE NPFKDWPGAF EEGLKRLKEG DLPVTILFME AAILQDPGDA EAWQFLGITQ AENENEQAAI VALQRCLELQ PNNLKALMAL AVSYTNTGHQ QDACDALKNW IKQNPKYKYL VKSKKGSPGL TRRMSKSPVD SSVLEGVKEL YLEAAHQNGD MIDPDLQTGL GVLFHLSGEF NRAIDAFNAA LTVRPEDYSL WNRLGATLAN GDRSEEAVEA YTRALEIQPG FIRSRYNLGI SCINLGAYRE AVSNFLTALS LQRKSRNQQQ VPHPAISGNI WAALRIALS MDQPELFQAA NLGDLDVLLR AFNLDP Sequence without tag. The proposed Purification-Tag

Product Details

is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

Peroxisomal Biogenesis Factor 5-Like (PEX5L)

Alternative Name:

PEX5L ([PEX5L Products](#))

Background:

PEX5-related protein (PEX2-related protein) (PEX5-like protein) (Peroxin-5-related protein) (Peroxisome biogenesis factor 5-like) (Tetratricopeptide repeat-containing Rab8b-interacting protein) (Pex5Rp) (TRIP8b),FUNCTION: Accessory subunit of hyperpolarization-activated cyclic nucleotide-gated (HCN) channels, regulating their cell-surface expression and cyclic nucleotide dependence. {ECO:0000250}.

Molecular Weight:

69.7 kDa

UniProt:

[Q8IYB4](#)

Pathways:

[Positive Regulation of Peptide Hormone Secretion, Maintenance of Protein Location](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
