

# Recombinant Human PEX11G Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** PEX11G-417H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | PEX11G MS Standard C13 and N15-labeled recombinant protein (NP_542393) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | The protein encoded by this gene is a member of the PEX11 family. This family is reported to regulate the number and size of peroxisomes in evolutionarily distant organisms. The protein encoded by this gene may induce clustering of peroxisomes. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012] |
| <b>Molecular Mass</b>   | 26.6 kDa                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MASLSGLASALESYRGRDRLIRVLGYCCQLVGGVLVEQCPARSEVGTRLLVSTQL<br>SHCRTILRLFDDLAMFVYTKQYGLGAQEEDAFVRCVSVLGNLADQLYYPCEHVAWA<br>ADARVLHVDSSRWWTLSLTLWALSLLLGVARSLLWMLLKLRLRSPAPFTSPLPR<br>GKRRAMEAQMQSEALSLLSNLADLANAVHWLPRGVLWAGRFPPLVGLMGTISSIL<br>SMYQAARAGGQAEATTPTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                             |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                              |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                                                                           |

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** PEX11G peroxisomal biogenesis factor 11 gamma [ Homo sapiens (human) ]

**Official Symbol** PEX11G

**Synonyms** PEX11G; peroxisomal biogenesis factor 11 gamma; peroxisomal membrane protein 11C; PEX11-gamma; peroxin-11C; peroxin Pex11p gamma; protein PEX11 homolog gamma; peroxisomal biogenesis factor 11C; peroxisomal biogenesis factor 11G; MGC4281;

**Gene ID** 92960

**mRNA Refseq** NM\_080662

**Protein Refseq** NP\_542393

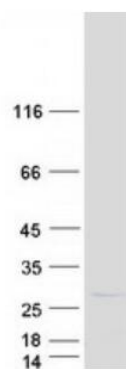
**MIM** 607583

**UniProt ID** Q96HA9

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**SDS-PAGE**

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