

## Product datasheet for PH319522

### PEX5 related protein (PEX5L) (NM\_016559) Human Mass Spec Standard

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Mass Spec Standards   |
| Description:                          | PEX5L MS Standard C13 and N15-labeled recombinant protein (NP_057643) |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC219522  |
| Predicted MW:                         | 69.5 kDa  |
| Protein Sequence:                     | >RC219522 representing NM_016559<br>Red=Cloning site Green=Tags(s)    |

MYQGHMQKSKEQGYGKLSSEDELEIIVDQKQKGSRAADKAVAMVMKEIPREESAEEKPLLTMTSQLVNE  
QQESRPLLSPSIDDFLCETKSEAIARPVTSNTAVLTTGLDLLDLSEPVSTQTKAKKSEPSSTSSLKKK  
ADGSDLISTDAEQRGQPLRVPETSSLDLDIQTQLEKWDDVKFHGDRNTKGHPMAERKSSSSRTGSKELLW  
SSEHRSQPESLGGKLSALNSESASELELVAPTQARLTKEHRWGSALLSRNHSLEEEFERAKAAVESDTEFW  
DKMQAEWEEMARRNWIENQEAQNQVTISASEKGYFFHTENPFKDWPGAFEEGLKRLKEGDLPTILFME  
AAILQDPGDAEAWQFLGITQAENENEQAIVALQRCELELQPNLKMALAVSYTNTGHQDQACDALKNW  
IKQNPKYKYLKSKKSGPGLTRRMSKSPVDSVLEGVKELYLEAAHQNGMIDPDLQTGLGVLFHLSGEF  
NRAIDAFNAALTVRPEDYSLWNRLGATLANGDRSEEAVEAYTRALEIQPGFIRSRYNLGISINLGAYRE  
AVSNFLTALSLQRKSRNQVPHPAISGNIWAALRIALSLMDQPELFAQANLGDLDVLLRAFNLDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

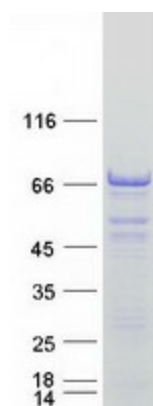
|                  |  |
|------------------|--|
| Tag:             | C-Myc/DDK  |
| Purity:          | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Concentration:   | >0.05 µg/µL as determined by microplate BCA method   |
| Labeling Method: | Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine |
| Buffer:          | 25 mM Tris-HCl, 100 mM glycine, pH 7.3   |
| Storage:         | Store at -80°C. Avoid repeated freeze-thaw cycles.   |
| Stability:       | Stable for 3 months from receipt of products under proper storage and handling conditions.   |
| RefSeq:          | <a href="#">NP_057643</a>  |
| RefSeq Size:     | 3577   |
| RefSeq ORF:      | 1878   |



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|                   |  |
|-------------------|--|
| Synonyms:         | PEX5R; PEX5RP; PXR2; PXR2B; TRIP8b   |
| Locus ID:         | 51555  |
| UniProt ID:       | <a href="#">Q8IYB4</a>   |
| Cytogenetics:     | 3q26.33  |
| Summary:          | Accessory subunit of hyperpolarization-activated cyclic nucleotide-gated (HCN) channels, regulating their cell-surface expression and cyclic nucleotide dependence.[UniProtKB/Swiss-Prot Function] |
| Protein Families: | Druggable Genome   |

### Product images:



Coomassie blue staining of purified PEX5L protein (Cat# [TP319522]). The protein was produced from HEK293T cells transfected with PEX5L cDNA clone (Cat# [RC219522]) using MegaTran 2.0 (Cat# [TT210002]).