

## Product datasheet for PH305155

### OLIG1 (NM\_138983) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	OLIG1 MS Standard C13 and N15-labeled recombinant protein (NP_620450)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205155
Predicted MW:	27.9 kDa
Protein Sequence:	>RC205155 representing NM_138983 Red=Cloning site Green=Tags(s)  <p>MYAVSQARVNAVPGTMLRPQRPGLQLGASLYELVGYRQPPSSSSSSTSSTSSTSSTTAPLLPKAAR EKPEAPAEPGPGSGAHPGGSARPDAAKEEQQLRRKINSRERKRMQDLNAMDALREVILPYSAAHC QGAPGRKLSKIATLLARNYILLGSSLQELRRALGEGAGPAAPRLLLAGLPLLAAPGSVLLAPGAVGP PDALRPAKYLALDEPPCGQFALPGGGAGGPGGLCTCAVCKFPHLVPASLGAAVQAQFSK</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
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_620450</a>
RefSeq Size:	2293
RefSeq ORF:	813
Synonyms:	BHLHB6; BHLHE21
Locus ID:	116448
UniProt ID:	<a href="#">Q8TAK6</a>



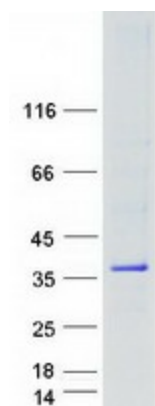
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Cytogenetics: 21q22.11

Summary: Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

### Product images:



Coomassie blue staining of purified OLIG1 protein (Cat# [TP305155]). The protein was produced from HEK293T cells transfected with OLIG1 cDNA clone (Cat# [RC205155]) using MegaTran 2.0 (Cat# [TT210002]).