

## Recombinant Human OLIG1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OLIG1-779H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	OLIG1 MS Standard C13 and N15-labeled recombinant protein (NP_620450) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.
<b>Molecular Mass</b>	27.9 kDa
<b>AA Sequence</b>	<p>MYAVSQARVNAVPGTMLRPQRPGDLQLGASLYELVGYRQPPSSSSSSSTSSTSST  SSSSTTAPLLPKAAREKPEAPAEPPGPGPGSGAHPGGSARPDAKEEQQLRRKIN  SRERKRMQDLNLMAMDALREVILPYSAAHCQGAPGRKLSKIATLLLARNYILLGSSLQ  ELRRALGEGAGPAAPRLLLAGLPLLAAPGSVLLAPGAVGPPDALRPAKYLSLALDE  PPCGQFALPGGGAGGPGGLCTCAVCKFPHLVPASLGLAAVQAQFSKTRTRPLEQKLI  SEEDLAANDILDYKDDDDKV</p>
<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 conditions.

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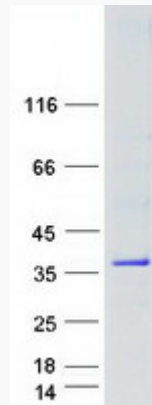
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	OLIG1 oligodendrocyte transcription factor 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	OLIG1
<b>Synonyms</b>	OLIG1; oligodendrocyte transcription factor 1; basic domain; helix loop helix protein; class B; 6; BHLHB6; bHLHe21; oligodendrocyte lineage transcription factor 1; oligodendrocyte specific bHLH transcription factor 1; oligo1; class B basic helix-loop-helix protein 6; class E basic helix-loop-helix protein 21; basic domain, helix-loop-helix protein, class B, 6; oligodendrocyte-specific bHLH transcription factor 1; BHLHE21;
<b>Gene ID</b>	116448
<b>mRNA Refseq</b>	NM_138983
<b>Protein Refseq</b>	NP_620450
<b>MIM</b>	606385
<b>UniProt ID</b>	Q8TAK6

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**SDS-PAGE**



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