

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

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

SPECIFICATION

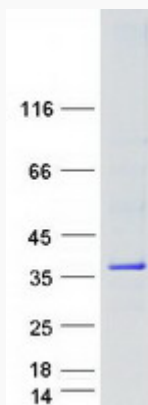
Product Overview	OLIG1 MS Standard C13 and N15-labeled recombinant protein (NP_620450) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.
Molecular Mass	27.9 kDa
AA Sequence	MYYAVSQARVNAVPGTMLRPQRPGLQLGASLYELVGYRQPPSSSSSSSTSSTSST SSSSTTAPLLPKAAREKPEAPAEPPGPGPGSGAHPGGSARPDAAKEEQQQQLRRKIN SRERKRMQDLNAMDALREVILPYSAHCQGAPGRKLSKIATLLLARNYILLGSSLQ ELRRALGEGAGPAAPRLLLAGLPLLAAPGSVLLAPGAVGPPDALRPAKYLSLALDE PPCGQFALPGGGAGGPGGLCTCAVCKFPHLVPASLGAAVQAQFSKTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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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	OLIG1 oligodendrocyte transcription factor 1 [Homo sapiens (human)]
Official Symbol	OLIG1
Synonyms	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;
Gene ID	116448
mRNA Refseq	NM_138983
Protein Refseq	NP_620450
MIM	606385
UniProt ID	Q8TAK6

SDS-PAGE

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