

Recombinant Full Length Human OLIG1 Protein, C-Flag-tagged

Cat. No. OLIG1-1425HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human OLIG1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable DNA-binding transcription factor activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Predicted to be involved in neuron differentiation and regulation of transcription by RNA polymerase II. Predicted to act upstream of or within neuron fate commitment. Predicted to be part of chromatin. Predicted to be active in nucleus.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	27.7 kDa
AA Sequence	<p>MYAVSQARVNAVPGTMLRPQRPGDLQLGASLYELVGYRQPPSSSSSSTSSTSST</p> <p>SSSSTTAPLLPKAAR EKPEAPEPPGPGPGSGAHPGGSARPDAKEEQQQQLRRI</p> <p>NSRERKRMQDLNLAMDALREVILPYSAHC QGAPGRKLSKIATLLLARNYILLGSSL</p> <p>QELRRALGEGAGPAAPRLLLAGLPLLAAPGSVLLAPGAVGP</p> <p>PDALRPAKYLSLALDEPPCGQFALPGGGAGGPGGLCTCAVCKFPHLVPASLGAAVQ</p> <p>AQFSKTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

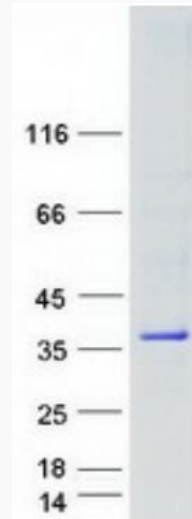
GENE INFORMATION

Gene Name	OLIG1 oligodendrocyte transcription factor 1 [Homo sapiens (human)]
Official Symbol	OLIG1
Synonyms	BHLHB6; BHLHE21
Gene ID	116448
mRNA Refseq	NM_138983.3
Protein Refseq	NP_620450.2
MIM	606385
UniProt ID	Q8TAK6

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Coomassie blue staining of purified OLIG1 protein.

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