

## Product datasheet for **TP305155M**

### **OLIG1 (NM\_138983) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human oligodendrocyte transcription factor 1 (OLIG1), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC205155 representing NM\_138983

**Red**=Cloning site **Green**=Tags(s)

MYAVSQARVNAVPGTMLRPQRPQDLQLGASLYELVGYRQPPSSSSSSTSSTSSTSSTTAPLLPKAAR  
EKPEAPAEPGPGPGSGAHPGGSARPDAAKEEQQQQLRRKINSRERKRMQDLNLMAMDALREVLPYSAHHC  
QGAPGRKLSKIATLLLRNYILLGSSLQELRRALGEGAGPAAPRLLLAGLPLAAAPGSVLLAPGAVGP  
PDALRPAKYLSLALDEPPCGQFALPGGGAGGPGGLCTCAVCKFPHLVPASLGAAVQAQFSK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 27.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_620450](#)

**Locus ID:** 116448

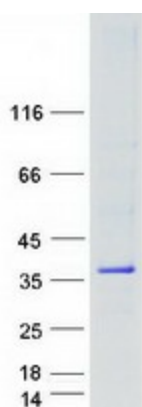
**UniProt ID:** [Q8TAK6](#)



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RefSeq Size:	2293
Cytogenetics:	21q22.11
RefSeq ORF:	813
Synonyms:	BHLHB6; BHLHE21
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]).