



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## OLIG2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00010215-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

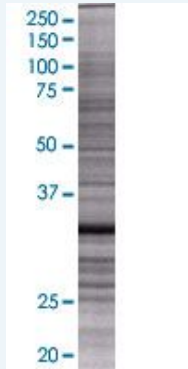
**Plasmid:** pCMV-OLIG2 full-length

**Host:** Human

**Theoretical MW (kDa):** 32.4

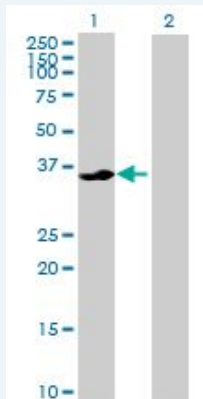
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-OLIG2 antibody ([H00010215-B01](#)) by Western Blots.

#### SDS-PAGE Gel



OLIG2 transfected lysate.

#### Western Blot



Lane 1: OLIG2 transfected lysate ( 32.4 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [10215](#)

GeneBank [BC036245.1](#)  
Accession#:

Protein [AAH36245.1](#)  
Accession#:

Gene Name: OLIG2

Gene Alias: BHLHB1,OLIGO2,PRKCBP2,RACK17,bHLHe19

Gene Description: oligodendrocyte lineage transcription factor 2

Omim ID: [606386](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a basic helix-loop-helix transcription factor which is expressed in oligodendroglial tumors of the brain. The protein is an essential regulator of ventral neuroectodermal progenitor cell fate. The gene is involved in a chromosomal translocation t(14;21)(q11.2;q22) associated with T-cell acute lymphoblastic leukemia. Its chromosomal location is within a region of chromosome 21 which has been suggested to play a role in learning deficits associated with Down syndrome. [provided by RefSeq]

**Other Designations:** OTTHUMP00000067569,OTTHUMP00000067570,basic domain, helix-loop-helix protein, class B, 1,human protein kinase C-binding protein RACK17,oligodendrocyte-specific bHLH transcription factor 2,protein kinase C binding protein 2

### Related Disease

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