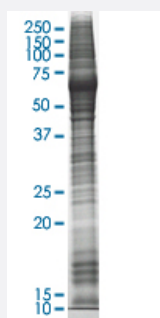


OLIG1 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

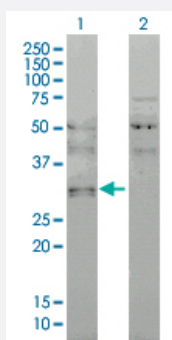
Catalog # L002T6 Size 100 ug

Applications



SDS-PAGE Gel

OLIG1 transfected lysate



Western Blot

Lane 1: OLIG1 transfected lysate (27.905 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-OLIG1 full length
Host	Human
Theoretical MW (kDa)	27.905
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-OLIG1 antibody by Western Blots.
SDS-PAGE Gel
OLIG1 transfected lysate
Western Blot
Lane 1: OLIG1 transfected lysate (27.905 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — OLIG1

Entrez GeneID [116448](#)

GeneBank Accession# [NM_138983.1](#)

Protein Accession# [NP_620450.1](#)

Gene Name OLIG1

Gene Alias BHLHB6, bHLHe21

Gene Description oligodendrocyte transcription factor 1

Omim ID [606385](#)

Gene Ontology [Hyperlink](#)

Gene Summary helix-loop-helix protein

Other Designations basic domain, helix-loop-helix protein, class B, 6|oligodendrocyte lineage transcription factor 1|oligodendrocyte-specific bHLH transcription factor 1

Disease

- [Genetic Predisposition to Disease](#)
- [Obsessive-Compulsive Disorder](#)
- [Tourette Syndrome](#)