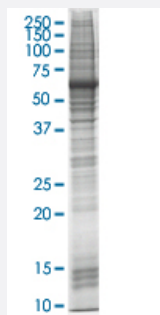


GLUD2 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L129T6

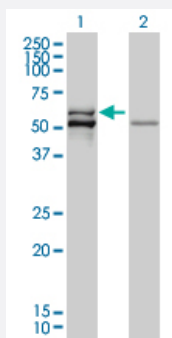
Size 100 ug

Applications



SDS-PAGE Gel

GLUD2 transfected lysate



Western Blot

Lane 1: GLUD2 transfected lysate (61 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-GLUD2 full length
Host	Human
Theoretical MW (kDa)	61
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-GLUD2 antibody ([H00002747-M01A](#)) by Western Blots.
SDS-PAGE Gel
GLUD2 transfected lysate
Western Blot
Lane 1: GLUD2 transfected lysate (61 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 — GLUD2

Entrez GeneID [2747](#)

GeneBank Accession# [BC005111.1](#)

Protein Accession# [AAH05111.1](#)

Gene Name GLUD2

Gene Alias GDH2, GLUDP1

Gene Description glutamate dehydrogenase 2

Omim ID [300144](#)

Gene Ontology [Hyperlink](#)

Gene Summary Glutamate dehydrogenase (EC 1.4.1.3) catalyzes the reversible oxidative deamination of glutamate to alpha-ketoglutarate using NAD and/or NADP as cofactors. See also GLUD1 (MIM 138130). [supplied by OMIM]

Other Designations

glutamate dehydrogenase pseudogene 1

Pathway

- [Alanine](#)
- [Arginine and proline metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [D-Glutamine and D-glutamate metabolism](#)
- [Metabolic pathways](#)
- [Nitrogen metabolism](#)

Disease

- [Cognition](#)
- [Parkinson Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)