

Recombinant Human GLUD2 cell lysate

Cat. No. GLUD2-716HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	GLUD2 glutamate dehydrogenase 2 [Homo sapiens]
Official Symbol	GLUD2
Synonyms	GLUD2; glutamate dehydrogenase 2; GLUDP1, glutamate dehydrogenase pseudogene 1; glutamate dehydrogenase 2, mitochondrial; GDH 2; glutamate dehydrogenase pseudogene 1; GDH2; GLUDP1;
Gene ID	2747

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mRNA Refseq	NM_012084
Protein Refseq	NP_036216
MIM	300144
UniProt ID	P49448
Chromosome Location	Xq24-q25
Pathway	Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; D-Glutamine and D-glutamate metabolism, organism-specific biosystem; D-Glutamine and D-glutamate metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	ADP binding; GTP binding; glutamate dehydrogenase (NAD ⁺) activity; glutamate dehydrogenase [NAD(P) ⁺] activity; leucine binding; nucleotide binding; oxidoreductase activity;