

Recombinant Human OGDH lysate

Cat. No. OGDH-454HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
Species	Human
Source	HEK293
Molecular Mass	48180.18Da
Recommended Usage	WB
Storage Instruction	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

GENE INFORMATION

Gene Name	OGDH oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide) [Homo sapiens]
Official Symbol	OGDH
Synonyms	OGDH; oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide); 2-oxoglutarate dehydrogenase, mitochondrial; E1k; OGDC-E1; oxoglutarate decarboxylase; 2-oxoglutarate dehydrogenase complex component E1; oxoglutarate dehydrogenase (succinyl-transferring); OGDC; AKGDH;

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Gene ID	4967
mRNA Refseq	NM_001003941
Protein Refseq	NP_001003941
MIM	613022
UniProt ID	Q02218
Chromosome Location	7p13-p11.2
Pathway	2-ketoglutarate dehydrogenase complex, organism-specific biosystem; 2-ketoglutarate dehydrogenase complex, conserved biosystem; Citrate cycle (TCA cycle), organism-specific biosystem; Citrate cycle (TCA cycle), conserved biosystem; Citrate cycle, second carbon oxidation, 2-oxoglutarate =>oxaloacetate, organism-specific biosystem; Citrate cycle, second carbon oxidation, 2-oxoglutarate =>
Function	oxidoreductase activity; oxoglutarate dehydrogenase (NAD+) activity; oxoglutarate dehydrogenase (succinyl-transferring) activity; oxoglutarate dehydrogenase (succinyl-transferring) activity; thiamine pyrophosphate binding;