

## Recombinant Human DAO lysate

**Cat. No.** DAO-216HCL    **Lot. No.** (See product label)

### SPECIFICATION

|                            |                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer     |
| <b>Species</b>             | Human                                                                                    |
| <b>Source</b>              | HEK293                                                                                   |
| <b>Molecular Mass</b>      | 42827.38Da                                                                               |
| <b>Recommended Usage</b>   | WB                                                                                       |
| <b>Storage Instruction</b> | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. |

### GENE INFORMATION

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DAO D-amino-acid oxidase [ Homo sapiens ]                                     |
| <b>Official Symbol</b> | DAO                                                                           |
| <b>Synonyms</b>        | DAO; D-amino-acid oxidase; DAMOX; D-amino acid oxidase; DAAO; OXDA; MGC35381; |
| <b>Gene ID</b>         | 1610                                                                          |
| <b>mRNA Refseq</b>     | NM_001917                                                                     |

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|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Refseq</b>      | NP_001908                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MIM</b>                 | 124050                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID</b>          | P14920                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Chromosome Location</b> | 12q24                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Pathway</b>             | Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; D-Arginine and D-ornithine metabolism, organism-specific biosystem; D-Arginine and D-ornithine metabolism, conserved biosystem; Glycine, serine and threonine metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, conserved biosystem; Glyoxylate metabolism, organism-specific biosystem; |
| <b>Function</b>            | D-amino-acid oxidase activity; D-amino-acid oxidase activity; FAD binding; nucleotide binding; oxidoreductase activity; protein binding; protein dimerization activity;                                                                                                                                                                                                                                                                       |

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