

Active Recombinant Full Length Human OXR1 Protein, N-His-tagged

Cat. No. OXR1-1031HFL Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length Human OXR1 Protein, fused to His-tag at N-terminus, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| Description | Predicted to enable oxidoreductase activity. Predicted to be involved in response to oxidative stress. Predicted to act upstream of or within several processes, including adult walking behavior; negative regulation of neuron death; and negative regulation of peptidyl-cysteine S-nitrosylation. Predicted to be located in mitochondrion and nucleolus. Predicted to be active in nucleus. Implicated in cerebellar hypoplasia/atrophy, epilepsy, and global developmental delay. |
| Form | 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. |
| Bio-activity | Binding assay |
| Molecular Mass | 84.8 kDa |
| AA Sequence | A DNA sequence encoding human full-length OXR1. |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining. |

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| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade. |
| Concentration | >50 ug/mL as determined by microplate BCA method. |
| Full Length | Full L. |

GENE INFORMATION

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|------------------------|----------------------------------------------------------------------|
| Gene Name | OXR1 oxidation resistance 1 [Homo sapiens (human)] |
| Official Symbol | OXR1 |
| Synonyms | TLDC3; CHEGDD; Nbla00307 |
| Gene ID | 55074 |
| mRNA Refseq | NM_181354.4 |
| Protein Refseq | NP_851999.2 |
| MIM | 605609 |
| UniProt ID | Q8N573 |

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