

Recombinant Human DHTKD1 protein, His-tagged

Cat. No. DHTKD1-3030H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human DHTKD1 protein(32 - 197 aa), fused to His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 32 - 197 aa |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| AA Sequence | GYRPRKPESREPQGALERPPVDHGLARLVTVYCEHGHKAAKINPLFTGQALLENVP EIQALVQTLQGPFHTAGLLNMGKEEASLEEVLVYLNQIYCGQISIETSQSQDEKD WFAKRFEELQKETFTTEERKHLSKLMLESQEFDHFLATKFSTVKRYGGEGAES |
| Purity | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |
| Reconstitution | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

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| Gene Name | DHTKD1 dehydrogenase E1 and transketolase domain containing 1 [Homo sapiens] |
| Official Symbol | DHTKD1 |
| Synonyms | DHTKD1; dehydrogenase E1 and transketolase domain containing 1; probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial; dehydrogenase E1 and transketolase domain-containing protein 1; MGC3090; KIAA1630; DKFZp762M115; |
| Gene ID | 55526 |
| mRNA Refseq | NM_018706 |
| Protein Refseq | NP_061176 |

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