

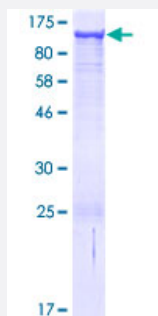
Full-Length

DHTKD1 (Human) Recombinant Protein (P01)

Catalog # H00055526-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DHTKD1 full-length ORF (NP_061176.3, 1 a.a. - 919 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASATAAAARRGLGRALPLLWRGYQTERGVYGYRPRKPESREPQGALERPPVDHGLARLVTVY
CEHGHKAAKINPLFTGQALLENVPEIQALVQTLQGPFTAGLLNMGKEEASLEEVLVYLNQIYCGQI
SIETSQLSQDEKDWFAKRFEELQKETFTTEERKHLSKLMLESQEFDHFLATKFSTVKRYGGEGA
ESMMGFFHELLKMSAYSGITDVIIGMPHRGRLLNTGLLQFPPELMFRKMRGLSEFPENFSATGDV
LSHLTSSVDLYFGAHHPLHVTMLPNPSHLEAVNPVAVGKTRGRQQSRQDGDYSPDNSAQPGDR
VICLQVHGDAFCGQGVPEFTLSNLPHFRIIGSVHLVNNQLGYTTAERGRSSLYCSDIGKLVG
CAIIHVNGDSPEEVVRATRLAFEYQRQFRKDVIIIDLLCYRQWGHNELDEPFYTNPIIMYKIIIRARKSIPD
TYAEHLIAGGLMTQEEVSEIKSSYYAKLNDHLNNMAHYRPPALNLQAHWQGLAQPEAQITTWSTGV
PLDLLRFVGMKSVEVPRELQMHSLLKTHVQSRMEKMMDGIKLDWATAEALALGSLLAQGFNVR
LSGQDVGRGTFSSQRHAIVVCQETDDTYIPLNHMDPNQKGFLEVSNPSLSEEAVLGFEYGMIESP
KLLPLWEAQFGDFFNGAQIIFDTFISGGAEKWLQSGMILLPHGYDGAGPDHSSCRIERFLQMCDS
AEEGVDGDTVNMFVVHPTTPAQYFHLRRQMVRNFRKPLIVASPKMLLRPAAVSTLQEMAPGTT
FNPVIGDSSVDPKKVKTLVFCSGKHFYSLVKQRESLGAKKHDFAIIRVEELCPFPLDSLQQEMSK
YKHVKDHWSQEEPQNMGPWSFVSPRFEKQLACKLRLVGRPPLPVPVAVGIGTVHLHQHEDILAKT
FA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

129.4

Interspecies Antigen Sequence

Mouse (89); Rat (89)

Preparation Method[in vitro wheat germ expression system](#)**Purification**

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DHTKD1

Entrez GeneID[55526](#)**GeneBank Accession#**[NM_018706.4](#)**Protein Accession#**[NP_061176.3](#)**Gene Name**

DHTKD1

Gene Alias

DKFZp762M115, KIAA1630, MGC3090

Gene Description

dehydrogenase E1 and transketolase domain containing 1

Gene Ontology[Hyperlink](#)**Other Designations**

OTTHUMP00000019087|dehydrogenase E1 and transketolase domain containing protein 1

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)