

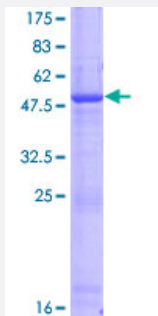
Full-Length

DTD1 (Human) Recombinant Protein (P01)

Catalog # H00092675-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DTD1 full-length ORF (NP_543010.3, 1 a.a. - 209 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKAVVQRVTRASVTVGGEQISAIGRGICVLLGISLEDTQKELEHMVRKILNLRVFEDESGKHWSKS VMDKQYEILCVSQFTLQCVLKGNKPDFHLAMPTEQAEGFYNSFLEQLRKTYRPELIKDGKFGAYM QVHIQNDGPVTIELESPAPGTATSDPKQLSKLEKQQQRKEKTRAKGPSESSKERNTPRKEDRSA SSGAEGDVSSEREP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.8
Interspecies Antigen Sequence	Mouse (95); Rat (94)
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 — DTD1

Entrez GeneID [92675](#)

GeneBank Accession# [NM_080820.3](#)

Protein Accession# [NP_543010.3](#)

Gene Name DTD1

Gene Alias C20orf88, DUEB, HARS2, MGC119131, MGC41905, bA379J5.3, bA555E18.1, pqn-68

Gene Description D-tyrosyl-tRNA deacylase 1 homolog (S. cerevisiae)

Omim ID [610996](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is similar in sequence to histidyl-tRNA synthetase, which hydrolyzes D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr). The encoded protein is found in the cytoplasm. [provided by RefSeq]

Other Designations D-tyrosyl-tRNA deacylase 1|DNA-unwinding element-binding protein|OTTHUMP00000030364|histidyl-tRNA synthetase 2

Disease

- [Tobacco Use Disorder](#)