

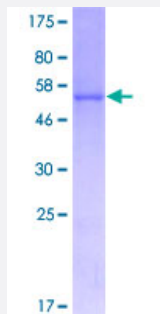
Full-Length

COMTD1 (Human) Recombinant Protein (P01)

Catalog # H00118881-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human COMTD1 full-length ORF (NP_653190.2, 1 a.a. - 262 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTQVPVRLSVPAALALGSAALGAAFATGLFLGRRCPWPWRGRREQCLLPEDSRLWQYLLSRSM
REHPALRSLRLLTLEQPQGDSMMTCEQAQLLANLARLIQAKKALDLGTFTGYALALALALPADG
RVVTCEVDAQPPELGRPLWRQAEAEHKIDRLKPALETDELLAAGEAGTFDVAVVDADKENC
S
AYYERCLQLLRPGGILAVLRVLWRGKVLQPPKGDVAAECVRNLNERIRRDVRVYISLLPLGDGLTL
AFKI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.2

Interspecies Antigen Sequence

Mouse (85); Rat (86)

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 — COMTD1

Entrez GeneID[118881](#)**GeneBank Accession#**[NM_144589.2](#)**Protein Accession#**[NP_653190.2](#)**Gene Name**

COMTD1

Gene Alias

FLJ23841

Gene Description

catechol-O-methyltransferase domain containing 1

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

OTTHUMP00000019881

Disease

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