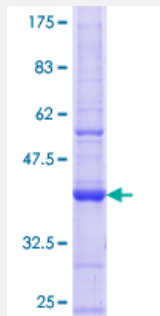


DPT (Human) Recombinant Protein (Q01)

Catalog # H00001805-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DPT partial ORF (NP_001928.2, 101 a.a. - 201 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EWYQTCSNNGLVAGFQSRVFESVLDREWQFYCCRYSKRCPYSCWLTTEYPGHYGEEMDMISYN YDYYIRGATTTFSAYERDRQWKFMCRMTEYDCEFANV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (91)
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 — DPT

Entrez GeneID [1805](#)

GeneBank Accession# [NM_001937](#)

Protein Accession# [NP_001928.2](#)

Gene Name DPT

Gene Alias TRAMP

Gene Description dermatopontin

Omim ID [125597](#)

Gene Ontology [Hyperlink](#)

Gene Summary Dermatopontin is an extracellular matrix protein with possible functions in cell-matrix interactions and matrix assembly. The protein is found in various tissues and many of its tyrosine residues are sulphated. Dermatopontin is postulated to modify the behavior of TGF-beta through interaction with decorin. [provided by RefSeq]

Other Designations OTTHUMP00000032500|tyrosine-rich acidic matrix protein

Disease

- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Osteoporosis](#)