Full-Length

DCD (Human) Recombinant Protein (P02)

Catalog # H00117159-P02 Size 50 ug

Specification

Product Description	Human DCD full-length ORF (AAH62682.1, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRFMTLLFLTALAGALVCAYDPEAASAPGSGNPCHEASAAQKENAGEDPGLARQAPKPRKQRS SLLEKGLDGAKKAVGGLGKLGKDAVEDLESVGKGAVHDVKDVLDSVL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.5
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — DCD

Entrez GeneID	117159
GeneBank Accession#	BC062682.1
Protein Accession#	AAH62682.1
Gene Name	DCD
Gene Alias	AIDD, DCD-1, DSEP, HCAP, MGC71930, PIF
Gene Description	dermcidin
Omim ID	606634
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a secreted protein that is subsequently processed into mature peptides of distinct biological activities. The C-terminal peptide is constitutively expressed in sweat and has antibacterial and antifungal activities. The N-terminal peptide, also known as diffusible survival evasion peptide, promotes neural cell survival under conditions of severe oxidative stress. A glycosylated form of the N-terminal peptide may be associated with cachexia (muscle wasting) in cancer patients. [provided by RefSeq
Other Designations	diffusible survival/evasion peptide|preproteolysin|proteolysis inducing factor|survival promoting peptide

Disease

- Diabetes Mellitus
- Disease Susceptibility
- Genetic Predisposition to Disease
- Obesity
- Prediabetic State