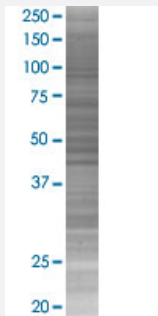


DEFA5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001670-T02

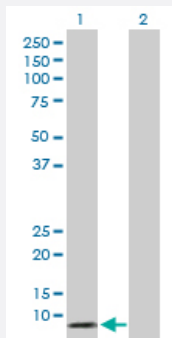
Size 100 uL

Applications



SDS-PAGE Gel

DEFA5 transfected lysate.



Western Blot

Lane 1: DEFA5 transfected lysate (10.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-DEFA5 full-length

Host Human

Theoretical MW (kDa) 10.1

Quality Control Testing Transient overexpression cell lysate was tested with Anti-DEFA5 antibody ([H00001670-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 DEFA5 transfected lysate.
 Western Blot
 Lane 1: DEFA5 transfected lysate (10.10 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

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

Applications

- Western Blot

Gene Info — DEFA5

Entrez GeneID[1670](#)**GeneBank Accession#**[NM_021010.1](#)**Protein Accession#**[NP_066290.1](#)**Gene Name**

DEFA5

Gene Alias

DEF5, HD-5, MGC129728

Gene Description

defensin, alpha 5, Paneth cell-specific

Omim ID[600472](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several of the alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 5, is highly expressed in the secretory granules of Paneth cells of the ileum. [provided by RefSeq]

Other Designations

defensin 5|defensin, alpha 5|defensin, alpha 5, preproprotein

Disease

- [Birth Weight](#)
- [Chorioamnionitis](#)
- [Colitis](#)

- [Crohn Disease](#)
- [Dermatitis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Inflammatory Bowel Diseases](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)