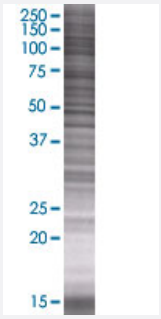
DEFA6 293T Cell Transient Overexpression Lysate(Denatured)

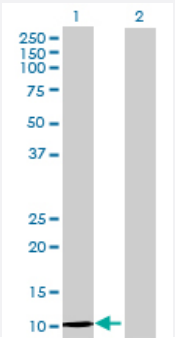
Catalog # H00001671-T01 Size 100 uL

Applications



SDS-PAGE Gel

DEFA6 transfected lysate.



Western Blot

Lane 1: DEFA6 transfected lysate (11.11 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DEFA6 full-length
Host	Human
Theoretical MW (kDa)	11.11
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-DEFA6 antibody (H00001671-B01) by We stern Blots. SDS-PAGE Gel DEFA6 transfected lysate. Western Blot Lane 1: DEFA6 transfected lysate (11.11 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 — DEFA6

Entrez GeneID	1671
GeneBank Accession#	NM_001926.2
Protein Accession#	NP_001917.1
Gene Name	DEFA6
Gene Alias	DEF6, HD-6
Gene Description	defensin, alpha 6, Paneth cell-specific
Omim ID	600471
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 alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 6, is highly expressed in the secretory granules of Paneth cells of the small intestine, and likely plays a role in host defense of human bowel. [provided by RefSeq
Other Designations	defensin 6|defensin, alpha 6

Disease

- Birth Weight
- Dermatitis
- Genetic Predisposition to Disease

- Glioblastoma
- Glioma
- HIV Infections
- Leukemia
- Meningeal Neoplasms
- Meningioma