

Recombinant Human DEFB106A 293 Cell Lysate

Cat. No. DEFB106A-6987HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for defensin, beta 106A (DEFB106A) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

DEFB106A defensin, beta 106A [Homo sapiens]

Official Symbol

DEFB106A

Synonyms

DEFB106A; defensin, beta 106A; DEFB106, defensin, beta 106; beta-defensin 106; DEFB 6; beta-defensin 6; defensin, beta 6; BD-6; DEFB-6; DEFB106; MGC118938; MGC118939; MGC118940; MGC118941; MGC133011; MGC133012;

Gene ID

245909

mRNA Refseq

NM_152251

Protein Refseq

NP_689464

UniProt ID

Q8N104

Chromosome Location

8p23.1

Pathway

Beta defensins, organism-specific biosystem; Defensins, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem;

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