

Recombinant Mouse DEFA1 Protein (59-93 aa), GST-tagged

Cat. No. DEFA1-2194M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse DEFA1 Protein (59-93 aa) is produced by Yeast expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Immunology. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	59-93 aa
Description	Probably contributes to the antimicrobial barrier function of the small bowel mucosa. Has antibacterial activity against attenuated mutants of S.typhimurium.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	31.1 kDa
AA Sequence	LRDLVCYCRSRGCKGRERMNGTCRKGHLLYTLCCR
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage

 Tel: 1-631-559-9269 1-516-512-3133

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temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name Defa1 defensin, alpha 1 [Mus musculus]

Official Symbol DEFA1

Synonyms DEFA1; defensin, alpha 1; alpha-defensin 1; cryptdin-1; defensin-1; Defcr; Defcr1;

Gene ID 13216

mRNA Refseq NM_010031

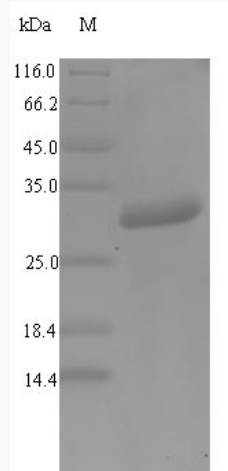
Protein Refseq NP_034161

UniProt ID P11477

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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