

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	Yeast
<b>ProteinLength</b>	59-93 aa
<b>Description</b>	Probably contributes to the antimicrobial barrier function of the small bowel mucosa. Has antibacterial activity against attenuated mutants of S.typhimurium.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	31.1 kDa
<b>AA Sequence</b>	LRDLVCYCRSRGCKGRERMNGTCRKGHLLYTLCCR
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage

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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

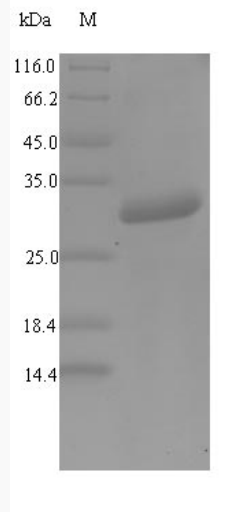
**Protein Refseq** NP\_034161

**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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