

Recombinant Mouse Defa1 protein, His-GST-tagged

Cat. No. Defa1-2812M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Defa1 protein(P11477)(59-93aa), fused to N-terminal His tag and GST tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	59-93aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	34.1 kDa
AA Sequence	LRDLVCYCRSRGCKGRERMNGTCRKGHLLYTLCCR
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for

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long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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; defensin-related cryptdin peptide; defensin related cryptdin peptide 1; Defcr; Defcr1;
Gene ID	13216
mRNA Refseq	NM_010031
Protein Refseq	NP_034161

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