

## Recombinant Mouse Fam19a3 protein, His & GST-tagged

Cat. No. Fam19a3-1567M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Fam19a3 aa. (Ser30~Lys129 (Accession # Q7TPG6)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser30~Lys129
<b>Description</b>	This gene is a member of the Tafa family which is composed of five highly homologous genes that encode small secreted proteins. These proteins contain conserved cysteine residues at fixed positions, and are distantly related to MIP-1alpha, a member of the CC-chemokine family. The Tafa proteins are predominantly expressed in specific regions of the brain, and are postulated to function as brain-specific chemokines or neurokines, that act as regulators of immune and nervous cells.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 40.9kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%

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<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.
<b>Isoelectric Point</b>	8.8

## GENE INFORMATION

<b>Gene Name</b>	Fam19a3 family with sequence similarity 19, member A3 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Fam19a3
<b>Synonyms</b>	Fam19a3; family with sequence similarity 19, member A3; TAFA3; Tafa-3; 7530404M11Rik; protein FAM19A3; chemokine-like protein TAFA-3
<b>Gene ID</b>	329731
<b>mRNA Refseq</b>	NM_183224.3
<b>Protein Refseq</b>	NP_899047.1

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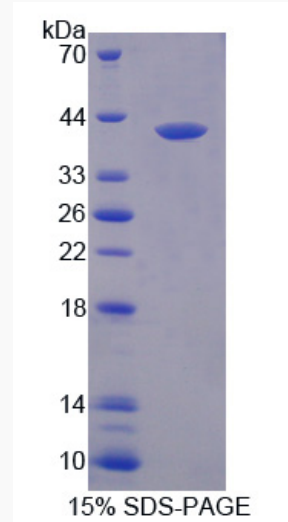
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UniProt ID

Q7TPG6

SDS-PAGE



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