

Recombinant Human FAM19A3 protein, His & T7-tagged

Cat. No. FAM19A3-1566H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FAM19A3 aa. (Gly44~Lys130 (Accession # Q7Z5A8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly44~Lys130
Description	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. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.8

GENE INFORMATION

Gene Name	FAM19A3 family with sequence similarity 19 member A3, C-C motif chemokine like [Homo sapiens (human)]
Official Symbol	FAM19A3
Synonyms	FAM19A3; family with sequence similarity 19 member A3, C-C motif chemokine like; TAFA3; TAFA-3; protein FAM19A3; chemokine-like protein TAFA-3; family with sequence similarity 19 (chemokine (C-C motif)-like), member A3
Gene ID	284467
mRNA Refseq	NM_001004440.1

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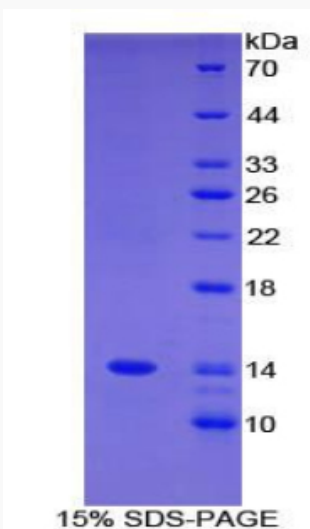
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Protein Refseq NP_001004440.1

UniProt ID Q7Z5A8

SDS-PAGE



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