

Bioactive

TAFA2 (Human) Recombinant Protein

Catalog # P9193

Size 20 ug

Specification

Product Description	Human TAFA2 recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	ANHHKAHHVKTGTCEVVALHRCCNKNKIEERSQTVKCSFGQVAGTTRAAPSCVDASIVEQKW WCHMQPCLEGEECKVLPDRKGWSSGNKVKTTRVTH
Host	Escherichia coli
Theoretical MW (kDa)	11.2
Specificity	TAFA2 Human
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 97% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	Measured by the ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons. Full y biologically active when compared to standard.
Storage Buffer	Lyophilized from a solution containing 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH ₂ O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — FAM19A2

Entrez GeneID [338811](#)**Protein Accession#** [Q8N3H0](#)**Gene Name** FAM19A2**Gene Alias** DKFZp761E1217, DKFZp781P0552, MGC42403, TAFA-2, TAFA2**Gene Description** family with sequence similarity 19 (chemokine (C-C motif)-like), member A2**Gene Ontology** [Hyperlink](#)

Gene Summary 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 neurokinins, that act as regulators of immune and nervous cells. [provided by RefSeq]

Other Designations -

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)