

TAFA5/FAM19A5 Protein, Human (His)

Cat. No.:	HY-P700984
Synonyms:	Chemokine-like protein TAFA-5; Tafa5; Fam19a5; QLLK5208; UNQ5208
Species:	Human
Source:	E. coli
Accession:	NP_056196 (T37-S125)
Gene ID:	25817
Molecular Weight:	12-14 kDa

PROPERTIES

Appearance	Solution
Formulation	Supplied as a 0.22 µm filtered solution of 20mM Tris, 300mM NaCl, 10% Glycerol, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	TAFA5, a member of the TAFA family, is part of a gene family consisting of five highly homologous members that encode small secreted proteins. Characterized by conserved cysteine residues at fixed positions, these proteins share distant relation to MIP-1α, a member of the CC-chemokine family. Predominantly expressed in specific regions of the brain, TAFA proteins are postulated to function as brain-specific chemokines or neurokines, potentially serving as regulators of immune and nervous cells. With biased expression observed in brain (RPKM 13.2), endometrium (RPKM 3.4), and various other tissues, TAFA5 emerges as a potential player in the intricate interplay between the immune and nervous systems.
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Caution: Product has not been fully validated for medical applications. For research use only.

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