

TECHNICAL DATA SHEET

Recombinant Human TAFA-2 (Carrier-free)

Catalog Number: 21-7133

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

CONTENTS

Recombinant Human TAFA-2 (Carrier-free)

DESCRIPTION

TAFA-2 belongs to the recently discovered FAM19/TAFA family of five chemokine-like proteins. It is a secreted protein that is expressed most highly in the central nervous system (CNS). It has been hypothesized that TAFA proteins may act as brain-specific chemokines and/or neurokinins involved in regulating immune cells or immune activities within the CNS.

MOLECULAR MASS

Recombinant Human TAFA-2 consists of 101 amino acids and has a molecular weight of 11.2 kDa.

AMINO ACID SEQUENCE

ANHHKAHHVK TGTCEVVALH RCCNKNKIEE RSQTVKCSF PGQVAGTTRA APSCVDASIV EQKWWCHMQP CLEGEECKVL PDRKGWSCSS GNKVKTTTRVT H

SOURCE

E. coli

APPLICATIONS

Bioassay

PURITY

98 %

STORAGE

-20°C

PROTEIN CONTENT

Verified by UV Spectroscopy and/or SDS-PAGE gel.

ENDOTOXIN LEVEL

Endotoxin level is <0.1 ng/µg of protein (<1 EU/µg).

AUTHENTICITY

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

CROSS REACTIVITY

BIOACTIVITY

No data available at this time.

RESEARCH AREAS

Chemotaxis, Neurobiology, Immune System

RECONSTITUTION

See Certificate of Analysis (COA) for lot specific reconstitution information.

REFERENCES

Tang T, Emtage P, Funk WD, Hu T, Arterburn M, Park EE, Rupp F. 2004. Genomics. 83(4): 727-734.

Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

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