

Product datasheet for PH313076

TAFA3 (NM_182759) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM19A3 MS Standard C13 and N15-labeled recombinant protein (NP_877436)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213076
Predicted MW:	14.6 kDa
Protein Sequence:	>RC213076 representing NM_182759 Red=Cloning site Green=Tags(s) MSERVERNWSTGGWLLALCLAWLWTHLTLAALQPPTATVLVQQTCEVIAAHRCCNRNRRIEERSQTVKCS CFSGQVAGTTRAKPSCVDASIVLQRWWCMEPCLPGEECKVLPDLSGWSCSSGHKVKTTKVTR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_877436
RefSeq Size:	1077
RefSeq ORF:	399
Synonyms:	FAM19A3; TAFA-3
Locus ID:	284467
UniProt ID:	Q7Z5A8
Cytogenetics:	1p13.2



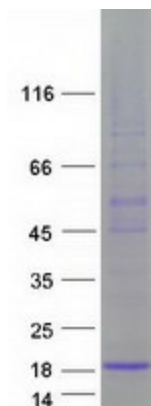
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Summary:

This gene is a member of the TFA 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 TFA 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. [provided by RefSeq, Nov 2011]

Protein Families:

Secreted Protein, Transmembrane

Product images:

Coomassie blue staining of purified TAF3 protein (Cat# [TP313076]). The protein was produced from HEK293T cells transfected with TAF3 cDNA clone (Cat# [RC213076]) using MegaTran 2.0 (Cat# [TT210002]).