

Product datasheet for **TP300293M**

TRK fused gene (TFG) (NM_001007565) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human TRK-fused gene (TFG), transcript variant 2, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC200293 protein sequence

Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MNGQLDLSGKLIKAQLGEDIRRIPIHNEDITYDELVLMMQRVFRGKLLSNDEVTIKYKDEDGDLITIFD
SSDLSFAIQCSRILKLTFLVNGQPRPLESSQVKYLRRELIERNKVNRLDSLEPPGEPGPSTNIPENDT
VDGREEKSASDSSGKQSTQVMAASMSAFDPLKNQDEINKNVMSAFGLTDDQVSGPPSAPAEDRSRGT
PDSI
ASSSSAAHPPGVQPQQPPYTGAQTQAGQIEGQMYQQYQQQAGYGAQQPQAPPQQPQQYGIQYSASYSQQT
GPQQPQQFQGYGQQPTSQAPAPAFSGQPQQLPAQPPQQYQASNYPQTYTAQTSQPTNYTVAPASQPGMA
PSQPGAYQPRPGFTSLPGSTMTPPPSGPNPYARNRPPFGQGYTQPGPGYR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 43.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001007566](#)

Locus ID: 10342



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UniProt ID: [Q92734](#)

RefSeq Size: 1841

Cytogenetics: 3q12.2

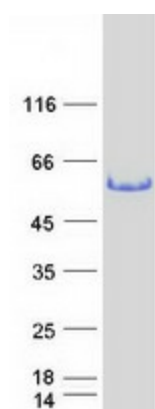
RefSeq ORF: 1200

Synonyms: HMSNP; SPG57; TF6; TRKT3

Summary: There are several documented fusion oncoproteins encoded partially by this gene. This gene also participates in several oncogenic rearrangements resulting in anaplastic lymphoma and mixoid chondrosarcoma, and may play a role in the NF-kappaB pathway. Multiple transcript variants have been found for this gene. [provided by RefSeq, Sep 2010]

Protein Pathways: Pathways in cancer, Thyroid cancer

Product images:



Coomassie blue staining of purified TFG protein (Cat# [TP300293]). The protein was produced from HEK293T cells transfected with TFG cDNA clone (Cat# [RC200293]) using MegaTran 2.0 (Cat# [TT210002]).