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Product datasheet for TP313556L

TIAM2 (NM_001010927) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens T-cell lymphoma invasion and metastasis 2 (TIAM2), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213556 representing NM_001010927 Red=Cloning site Green=Tags(s) MEGPRENQDPPPRPLARHLSDADRLRKVIQELVDTEKSYVKDLSCLFELYLEPLQNETFLTQDEMESLFG SLPEMLEFQKVFLETLEDGISASSDFNTLETPSQFRKLLFSLGGSFLYYADHFKLYSGFCANHIKVQKVL ERAKTDKAFKAFLDARNPTKQHSSTLESYLIKPVQRVLKYPLLLKELVSLTDQESEEHYHLTEALKAMEK VASHINEMQKIYEDYGTVFDQLVAEQSGTEKEVTELSMGELLMHSTVSWLNPFLSLGKARKDLELTVFVF KRAVILVYKENCKLKKKLPSNSRPAHNSTDLDPFKFRWLIPISALQVRLGNPAGTENNSIWELIHTKSEI EGRPETIFQLCCSDSESKTNIVKVIRSILRENFRRHIKCELPLEKTCKDRLVPLKNRVPVSAKLASSRSL KVLKNSSSNEWTGETGKGTLLDSDEGSLSSGTQSSGCPTAEGRQDSKSTSPGKYPHPGLADFADNLIKES DILSDEDDDHRQTVKQGSPTKDIEIQFQRLRISEDPDVHPEAEQQPGPESGEGQKGGEQPKLVRGHFCPI KRKANSTKRDRGTLLKAQIRHQSLDSQSENATIDLNSVLEREFSVQSLTSVVSEECFYETESHGKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	70.6 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.

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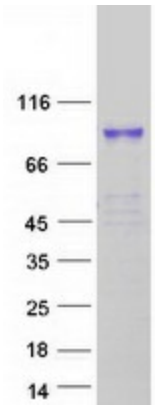
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001010927
Locus ID:	26230
UniProt ID:	Q8IVF5
RefSeq Size:	2668
Cytogenetics:	6q25.2-q25.3
RefSeq ORF:	1878
Synonyms:	STEF; TIAM-2
Summary:	This gene encodes a guanine nucleotide exchange factor. A highly similar mouse protein specifically activates ras-related C3 botulinum substrate 1, converting this Rho-like guanosine triphosphatase (GTPase) from a guanosine diphosphate-bound inactive state to a guanosine triphosphate-bound active state. The encoded protein may play a role in neural cell development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome
Protein Pathways:	Chemokine signaling pathway, Regulation of actin cytoskeleton

Product images:



Coomassie blue staining of purified TIAM2 protein (Cat# [TP313556]). The protein was produced from HEK293T cells transfected with TIAM2 cDNA clone (Cat# [RC213556]) using MegaTran 2.0 (Cat# [TT210002]).