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Product datasheet for TP318511M

TNFAIP8L3 (NM_207381) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tumor necrosis factor, alpha-induced protein 8-like 3 (TNFAIP8L3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218511 representing NM_207381 Red=Cloning site Green=Tags(s) MGKPRQNPSTLVSTLCEAEPKGKLWVNGYAGTQGTRDATLQTRLIPLSFHLQRGKGLAAPLSALSAPRLP ERPADGRVAVDAQPAARSMDSDSGEQSEGEPVTAAGPDVFSSKSLALQAQKKILSKIASKTVANMLIDDT SSEIFDELYKVTKEHTHNKKEAHKIMKDLIKVAIKIGILYRNNQFSQEELVIVEKFRKKLNQTAMTIVSF YEVEYTFDRNVLSNLLHECKDLVHELVQRHLTPRTHGRINHVFNHFADVEFLSTLYSLDGDCRPNLKRIC EGINKLLDEKVL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	32.5 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_997264
Locus ID:	388121

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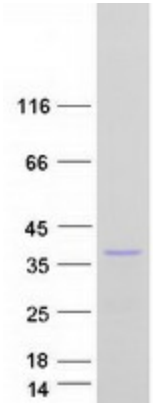
UniProt ID:	Q5GJ75
RefSeq Size:	2292
Cytogenetics:	15q21.2
RefSeq ORF:	876
Synonyms:	TIPE3
Summary:	Acts as a lipid transfer protein. Preferentially captures and shuttles two lipid second messengers, i.e., phosphatidylinositol 4,5- bisphosphate and phosphatidylinositol 3,4,5-trisphosphate and increases their levels in the plasma membrane. Additionally, may also function as a lipid-presenting protein to enhance the activity of the PI3K-AKT and MEK-ERK pathways. May act as a regulator of tumorigenesis through its activation of phospholipid signaling.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TNFAIP8L3 protein (Cat# [TP318511]). The protein was produced from HEK293T cells transfected with TNFAIP8L3 cDNA clone (Cat# [RC218511]) using MegaTran 2.0 (Cat# [TT210002]).