

Product datasheet for PH318511

TNFAIP8L3 (NM_207381) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TNFAIP8L3 MS Standard C13 and N15-labeled recombinant protein (NP_997264)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218511
Predicted MW:	32.5 kDa
Protein Sequence:	<p>>RC218511 representing NM_207381</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGKPRQNPSTLVSTLCEAPKGLWVNGYAGTQGTRDATLQTRLIPLSFHLQRGKGLAAPLSALSAPRLP ERPADGRVAVDAQPAARSMDSDSGEQSEGEPTAAGPDVFSKSLALQAQKKILSKIASKTVANMLIDDT SSEIFDELYKVTKEHTHNKKEAHKIMKDLIKVAIKIGILYRNNQFSQEELVIVEKFRKKLNQTAMTIVSF YEVEYTFDRNVLNLLHECKDLVHELVRHLTPRTHGRINHVFNHFADVEFLSTLYSLDGDGCRPNLKRIC EGINKLLDEKVL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_997264</u>
RefSeq Size:	2292
RefSeq ORF:	876
Synonyms:	TIPE3
Locus ID:	388121

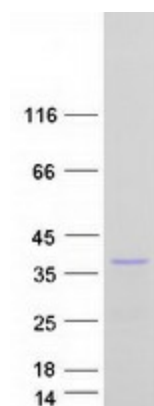

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UniProt ID: [Q5GJ75](#)

Cytogenetics: 15q21.2

Summary: Acts as a lipid transfer protein. Preferentially captures and shuttles two lipid second messengers, i.e., phosphatidylinositol 4,5- biphosphate 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]).