

## Recombinant Mouse Tnfaip8l3 Protein, Myc/DDK-tagged

Cat. No. Tnfaip8l3-6543M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length tumor necrosis factor, alpha-induced protein 8-like 3 (Tnfaip8l3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	23.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	Tnfaip8l3 tumor necrosis factor, alpha-induced protein 8-like 3 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Tnfaip8l3
<b>Synonyms</b>	TNFAIP8L3; tumor necrosis factor, alpha-induced protein 8-like 3; tumor necrosis factor alpha-induced protein 8-like protein 3; TNFAIP8-like protein 3; TNF alpha-induced protein 8-like protein 3; tumor necrosis factor, alpha-induced protein 8-like protein 3; Gm517; 9930029P06Rik; MGC141255
<b>Gene ID</b>	244882
<b>mRNA Refseq</b>	NM_001033535
<b>Protein Refseq</b>	NP_001028707
<b>UniProt ID</b>	Q3TBL6

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