

## Product datasheet for **TP507077**

### Faf2 (NM\_178397) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Fas associated factor family member 2 (Faf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR207077 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAAPEEQDLTQEQTTEKLLQFQDLTGIESMEQCRLALEQHNWNMEAAVQDRLNEQEGVPSVFNPPPARPLQ  
VTADHRIYSYVSRPQPRGLLGWGYLIMLPFRFTYYTILDIFRFALRFIRPDPRSRVTDVPGDIVSFMH  
SFEEKYGRAHPVYQGTYSQALNDAKRELRFLLVYLHGDDHQDSDEFRCNALCAPEVISLINSRMLFWAC  
STNKPEGYRVSQALRENTYPFLAMIMLKDRRMTVVRLEGLIQPDDLINQLTFIMDANQTYLVSERLERE  
ERNQTQVLRQQQDEAYLASLRADQEKERKKREEKERKRRKEEEVQQQKLAEERRRQNLQEEKERKLECLP  
PEPSPDDPESVKIIFKLPNDSRVERRFHFSQSLTVIHDFLFLSKESPEKFIQIEANFRRVLPVCPSEEW  
NPPTLQEAGLSHTEVLFVQDLTDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	52.4 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
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 after receiving vials.
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:	<u><a href="#">NP_848484</a></u>
Locus ID:	76577



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<b>UniProt ID:</b>	<u>Q3TDN2</u>
<b>RefSeq Size:</b>	4322
<b>Cytogenetics:</b>	13 B1
<b>RefSeq ORF:</b>	1335
<b>Synonyms:</b>	2210404D11Rik; AI462440; mKIAA0887; Ubx d8
<b>Summary:</b>	<p>Plays an important role in endoplasmic reticulum-associated degradation (ERAD) that mediates ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins. By controlling the steady-state expression of the IGF1R receptor, indirectly regulates the insulin-like growth factor receptor signaling pathway. Involved in inhibition of lipid droplet degradation by binding to phospholipase PNPL2 and inhibiting its activity by promoting dissociation of PNPL2 from its endogenous activator, ABHD5 which inhibits the rate of triacylglycerol hydrolysis.</p> <p>[UniProtKB/Swiss-Prot Function]</p>