Recombinant Mouse Faf2 Protein, Myc/DDK-tagged

Cat. No. Faf2-2906M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Fas associated factor family member 2 (Faf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	52.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>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

Gene Name	Faf2 Fas associated factor family member 2 [Mus musculus (house mouse)]
Official Symbol	Faf2
Synonyms	FAF2; Fas associated factor family member 2; FAS-associated factor 2; UBX domain containing 8; UBX domain-containing protein 8; protein expressed in T-cells and eosinophils in atopic dermatitis; Ubxd8; AI462440; mKIAA0887; 2210404D11Rik
Gene ID	76577
mRNA Refseq	NM_178397
Protein Refseq	NP_848484
UniProt ID	Q3TDN2

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