

## Recombinant Mus musculus Protein FAM132B

Catalog No: #AP73086



Package Size: #AP73086-1 20ug #AP73086-2 100ug #AP73086-3 1mg

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## Description

Product Name	Recombinant Mus musculus Protein FAM132B
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:25-340aaSequence Info:Full Length
Other Names	Complement C1q tumor necrosis factor-related protein 15 Myonectin
Accession No.	Q6PGN1
Uniprot	Q6PGN1
GeneID	227358;
Calculated MW	35.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	LGVPEAEPVGTTHARPQPPGAELPAPPANSPEPTIAHAHSVDPRDAWMLFVKQSDKGINSKRRSKARRLKL GLPGPPGPPGQPPGPPGFIPSEVLLKEFQLLLKGAVRQRESHLEHCTRDLTTPASGSPSRVPAQELDSQDP GALLALLAATLAQGPRAPRVEAAFHCRLRRDVQVDRRALHELGIYYLPEVEGAFHRGPGLNLTSGQYTAPVAG FYALAATLHVALTEQPRKGPTRPRDRLRLICIQSLCQHNASLETVMGLENSSELTISVNGVLYLQAGHYTSVF LDNASGSSLTVRSGSHFSAILLGL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Iron-regulatory hormone that acts as an erythroid regulator after hemorrhage: produced by erythroblasts following blood loss and mediates suppression of hepcidin (HAMP) expression in the liver, thereby promoting increased iron absorption and mobilization from stores (PubMed:24880340). Promotes lipid uptake into adipocytes and hepatocytes via transcriptional up-regulation of genes involved in fatty acid uptake

## References

"Myonectin (CTRP15), a novel myokine that links skeletal muscle to systemic lipid homeostasis."Seldin M.M., Peterson J.M., Byerly M.S., Wei Z., Wong G.W.J. Biol. Chem. 287:11968-11980(2012)Research Topic:Others

Note: This product is for in vitro research use only