FEM1B Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	FEM1B, Lysate
Full Product Name	Human FEM1B Protein Lysate
Product Gene Name	FEM1B lysate
Product Synonym Names	FEM1B; F1A-ALPHA; F1AA; FEM1-beta
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	69kDa
OMIM	613539
3D Structure	ModBase 3D Structure for Q9UK73
Related Product Information for FEM1B lysate	Human FEM1B Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of FEM1B lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FEM1B purchase	MBS8411705 is a lysate targeting FEM1B. Also known as Human FEM1B Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FEM1B. It may not necessarily be applicable to this product.

NCBI GI #	7657265
NCBI GeneID	10116
NCBI Accession #	NP_056137
UniProt Primary Accession #	Q9UK73
UniProt Related Accession #	Q9UK73
GenBank Nucleotide #	NM_015322
NCBI Official Full Name	protein fem-1 homolog B
NCBI Official Synonym Full Names	fem-1 homolog B
NCBI Official Symbol	FEM1B
NCBI Official Synonym Symbols	F1AA; F1A-ALPHA; FEM1-beta
UniProt Protein Name	Protein fem-1 homolog B
UniProt Synonym Protein Names	FEM1-beta; Fem-1-like death receptor-binding protein alpha; Fem-1-like in apoptotic pathway protein alpha; F1A-alpha

UniProt Gene Name	FEM1B
UniProt Synonym Gene Names	F1AA; KIAA0396; FEM1b; F1A-alpha
UniProt Entry Name	FEM1B_HUMAN
NCBI Protein Information	protein fem-1 homolog B
NCBI Summary for FEM1B	This gene encodes an ankyrin repeat protein that belongs to the death receptor-associated family of proteins and plays a role in mediating apoptosis. The encoded protein is also thought to function in the replication stress-induced checkpoint signaling pathway via interaction with checkpoint kinase 1. [provided by RefSeq, Aug 2013]
UniProt Comments for FEM1B	FEM1B: Component of an E3 ubiquitin-protein ligase complex, in which it may act as a substrate recognition subunit. Involved in apoptosis by acting as a death receptor-associated protein that mediates apoptosis. Also involved in glucose homeostasis in pancreatic islet. Functions as an adapter/mediator in replication stress-induced signaling that leads to the activation of CHEK1. Belongs to the fem-1 family. Protein type: Cell development/differentiation; Ligase; Ubiquitin conjugating system; Apoptosis Chromosomal Location of Human Ortholog: 15q22 Cellular Component: nucleoplasm; cytoplasm; nucleus Molecular Function: protein binding; death receptor binding; ubiquitin-protein ligase activity Biological Process: regulation of ubiquitin-protein ligase activity; apoptosis; protein ubiquitination
Research Articles on FEM1B	**1.** FEM1 proteins are ancient regulators of Stem-Loop Binding Protein.
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