SENP5 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	SENP5, Lysate
Full Product Name	Human SENP5 Protein Lysate
Product Gene Name	SENP5 lysate
Product Synonym Names	SENP5; DKFZp564O1016; FLJ42398; MGC27076
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	81,310 Da
OMIM	612845
3D Structure	ModBase 3D Structure for Q96HI0
Related Product Information for SENP5 lysate	Human SENP5 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 SENP5 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 SENP5 purchase	MBS8419237 is a lysate targeting SENP5. Also known as Human SENP5 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SENP5. It may not necessarily be applicable to this product.

NCBI GI #	159032029
NCBI GeneID	205564
NCBI Accession #	NP_689912
UniProt Primary Accession #	Q96HI0
UniProt Secondary Accession #	Q96SA5; B4DY82
UniProt Related Accession #	Q96HI0
GenBank Nucleotide #	NM_152699
NCBI Official Full Name	sentrin-specific protease 5
NCBI Official Synonym Full Names	SUMO1/sentrin specific peptidase 5
NCBI Official Symbol	SENP5
UniProt Protein Name	Sentrin-specific protease 5
UniProt Synonym Protein Names	Sentrin/SUMO-specific protease SENP5
Protein Family	Sentrin-specific protease

UniProt Gene Name	SENP5
UniProt Entry Name	SENP5_HUMAN
NCBI Protein Information	sentrin-specific protease 5; SUMO1/sentrin specific protease 5; sentrin/SUMO-specific protease SENP5
UniProt Comments for SENP5	SENP5: Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO3 to its mature form and deconjugation of SUMO2 and SUMO3 from targeted proteins. Has weak proteolytic activity against full-length SUMO1 or SUMO1 conjugates. Required for cell division. Belongs to the peptidase C48 family. Protein type: Nucleolus; EC 3.4.22.68; Protease Chromosomal Location of Human Ortholog: 3q29 Cellular Component: nucleoplasm; intracellular membrane-bound organelle; nucleolus; nucleus Molecular Function: protein binding; cysteine-type peptidase activity Biological Process: cellular protein metabolic process; protein sumoylation; cell division; proteolysis; post-translational protein modification; cell cycle
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