

Recombinant Human LAMP3 Protein, His-tagged

Cat. No. LAMP3-049H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAMP3 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Lysosomal membrane glycoprotein which plays a role in the unfolded protein response (UPR) that contributes to protein degradation and cell survival during proteasomal dysfunction. Plays a role in the process of fusion of the lysosome with the autophagosome, thereby modulating the autophagic process. Promotes hepatocellular lipogenesis through activation of the PI3K/Akt pathway. May also play a role in dendritic cell function and in adaptive immunity.
Molecular Mass	~47 kDa
AA Sequence	KAFPETRDYSQPTAAATVQDIKKPVQQPAKQAPHQTLAARFMDGHITFQTAATVKIP TTTPATTKNTATTSPITYTLVTTQATPNNSTAPPVTEVTVGPSLAPYSLPPTITPPAH TTGTSSSTVSHTTGNTTQPSNQTTLPATLSIALHKSTTGQKPVQPTHAPGTTAAAHN TTRTAAPASTVPGPTLAPQPSSVKTGIYQVNLNGSRLCIKAEMGIQLIVQDKESVFSR RYFNIDPNATQASGNCGTRKSNLLNFQGGFVNLTFTKDEESYYISEVGAYLTVSDP ETIYQGIKHAVVMFQTAVGHSFKCVSEQSLQLSAHLQVKTDDVQLQAFDFEDDHF NVDECSSDYT
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

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Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Storage Buffer	PBS, 4M Urea, pH7.4

GENE INFORMATION

Gene Name	LAMP3 lysosomal-associated membrane protein 3 [Homo sapiens (human)]
Official Symbol	LAMP3
Synonyms	LAMP3; lysosomal-associated membrane protein 3; lysosome-associated membrane glycoprotein 3; CD208; DC LAMP; DCLAMP; LAMP; TSC403; DC-lysosome-associated membrane glycoprotein; LAMP-3; DC-LAMP;
Gene ID	27074
mRNA Refseq	NM_014398
Protein Refseq	NP_055213
MIM	605883
UniProt ID	Q9UQV4

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SDS-PAGE



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