Recombinant human CD208/LAMP3 protein

Catalog Number: ATGP3299

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
28-381aa

UniProt No.
Q9UQV4

NCBI Accession No.
NP_055213.2

Alternative Names
CD208, DC-LAMP, DC-lysosome-associated membrane glycoprotein, LAMP, LAMP-3, Lysosome-associated membrane glycoprotein 3, TSC403

PRODUCT SPECIFICATION

Molecular Weight
38.8 kDa (362aa)

Concentration
0.5mg/ml (determined by absorbance at 280nm)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity
> 90% by SDS-PAGE

Endotoxin level
< 1 EU per 1ug of protein (determined by LAL method)

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
LAMP3, also known as lysosome-associated membrane glycoprotein 3, is a member of the lysosome-associated membrane protein family. LAMP3 and CD68 share very similar predicted structure. It may play a role in dendritic cell function and in adaptive immunity. Overexpression of LAMP3 is actively involved in tumor invasion through

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increased migration into lymph-vascular spaces. Recombinant human LAMP3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

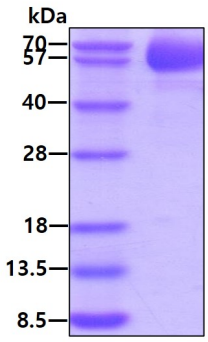
KAFPETRDYS QPTAAATVQD IKKPVQQPAK QAPHQTLAAR FMDGHITFQT AATVKIPTTT PATTKNTATT SPITYTLVTT QATPNNSHTA PPVTEVTVGP SLAPYSLPPT ITPPAHTTGT SSSTVSHTTG NTTQPSNQTT LPATLSIALH KSTTGQKPVQ PTHAPGTTAA AHNTTRTAAP ASTVPGPTLA PQPSSVKTGI YQVLNGSRLC IKAEMGIQLI VQDKESVFSP RRYFNIDPNA TQASGNCGTR KSNLLLNFQG GFVNLTFTKD EESYYISEVG AYLTVSDPET IYQGIKHAVV MFQTAVGHSF KCVSEQSLQL SAHLQVKTTD VQLQAFDFED DHFGNVDECS SDYT<LEHHHH HH>

General References

Salaun B., et al. (2004) Am J Pathol. 164:861-871.
Kanao H., et al. (2005) Cancer Res. 65:8640-8645.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.