# 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

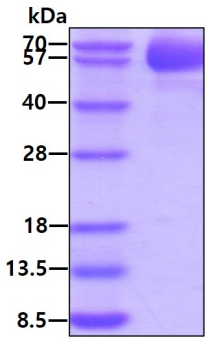
KAFPETRDYS QPTAAATVQD IKKPVQQPAK QAPHQTLAAR FMDGHITFQT AATVKIPTTT PATTKNTATT SPITYTLVTT QATPNNSHTA PPVTEVTVGP SLAPYSLPPT ITPPAHTTGT SSSTVSHTTG NTTQPSNQTT LPATLSIALH KSTTGQKPVQ PTHAPGTTAA AHNTTRTAAP ASTVPGPTLA PQPSSVKTGI YQVLNGSRLC IKAEMGIQLI VQDKESVFSP RRYFNIDPNA TQASGNCGTR KSNLLLNFQG GFVNLTFTKD EESYYISEVG 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.