

# Human LAMP3/CD208, Tag Free Protein

HA211259



<b>Product name:</b>	Human LAMP3/CD208, Tag Free
<b>Species reactivity:</b>	Human
<b>Bio-Activity:</b>	Testing in progress.
<b>Protein construction description:</b>	A DNA sequence encoding the human LAMP3/CD208 protein (Q9UQV4) (Lys 28-Thr 381) was expressed with tag free.

**Background:** 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. Plays a positive role in post-entry steps of influenza A virus replication, either virus uncoating, cytosolic transport, or nuclear import of viral components, and promotes nuclear accumulation of influenza nucleoprotein/NP at early stages of viral infection. Supports the FURIN-mediated cleavage of mumps virus fusion protein F by interacting with both FURIN and the unprocessed form but not the processed form of the viral protein F.

**Purity:** >95% as determined by SDS-PAGE.

**Endotoxin:** Less than 1.0 EU per µg by the LAL method.

**Fragment region:** LAMP3/CD208 (28-381)

**Source:** HEK293

**Accession:** Q9UQV4

**Predicted molecular mass:** 38.5 kD

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

**Reconstitution:** Reconstitute at 250 µg/ml in sterile water.

**Storage:** Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

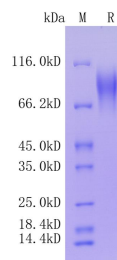
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**Fig1:** Protein on SDS-PAGE under reducing (R) condition.

**Note:** All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.