

CD24 Protein-VLP, Cynomolgus, Recombinant

General Information

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| Synonyms: | MGC75043;CD 24;FLJ43543;FLJ22950;CD24 molecule;CD24A |
| Protein Construction: | Ser26-Gly57 |
| Species: | Cynomolgus |
| Expression Host: | HEK293 Cells |
| Accession: | XP_015304503.1 |
| Molecular Weight: | 3.8 kDa (predicted) |

QC Testing

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| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | > 90% as determined by HPLC |
| Endotoxin: | < 1.0 EU/ μ g of the protein as determined by the LAL method. |
| Formulation: | Supplied as 0.22 μ m filtered solution in PBS (pH 7.4).Notice: If you need it for immunization, Do Not use any adjuvant. |

Preparation and Storage

Stability & Storage:

It is recommended to store the product under sterile conditions at -70°C or lower. Samples are stable for up to 12 months at -80°C. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

CD24 is a sialoglycoprotein expressed at the surface of most B lymphocytes and differentiating neuroblasts. It is also expressed on neutrophils and neutrophil precursors from the myelocyte stage onwards. The potential for targeting CD24 in cancer therapy seems promising, as CD24 is overexpressed in many human cancers.

Reference

Barkal AA, et al. CD24 signalling through macrophage Siglec-10 is a target for cancer immunotherapy.Nature. 2019 Jul 3doi: 10.1038/s41586-019-1456-0.

Sun F, et al. Engineering a high-affinity humanized anti-CD24 antibody to target hepatocellular carcinoma by a novel CDR grafting design[J]. Oncotarget, 2017, 8(31):51238-51252.

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