Recombinant Monkey CD24 Protein, His-tagged

Cat. No. CD24-11040M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Cynomolgus CD24 Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Asn 27 - Gly 57 (Accession # A0A7N9D2D9-1). This protein carries a polyhistidine tag at the C-terminus.
Species	Monkey
Source	HEK293
ProteinLength	27-57 aa
Description	CD24 may have a pivotal role in cell differentiation of different cell types. Signaling could be triggered by the binding of a lectin-like ligand to the CD24 carbohydrates, and transduced by the release of second messengers derived from the GPI-anchor. Modulates B-cell activation responses. Promotes AG-dependent proliferation of B-cells, and prevents their terminal differentiation into antibody-forming cells. In association with SIGLEC10 may be involved in the selective suppression of the immune response to danger-associated molecular patterns (DAMPs) such as HMGB1, HSP70 and HSP90. Plays a role in the control of autoimmunity.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	The protein has a calculated MW of 5.1 kDa. The protein migrates as 27-35 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	Less than 1.0 EU/μg by the LAL method/rFC method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD24 CD24 molecule [Macaca fascicularis (crab-eating macaque)]
Official Symbol	CD24
Synonyms	CD24; CD24 molecule; signal transducer CD24
Gene ID	101867055
mRNA Refseq	XM_005552236
Protein Refseq	XP_005552293
UniProt ID	A0A7N9D2D9

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA