

CD27/TNFRSF7 Protein, Cynomolgus/Rhesus Macaque (HEK293, His)

Cat. No.:	HY-P700883
Synonyms:	CD27 antigen; Tp55; TNFRSF7; S152; T14; S152. LPFS2
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005569963.1 (T21-I192)
Gene ID:	102139476
Molecular Weight:	42-52 kDa

PROPERTIES

Biological Activity	Immobilized Cynomolgus CD27, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human CD27 Ligand, hFc Tag with the EC ₅₀ of 0.23µg/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	CD27, a member of the TNFR superfamily, lacks conserved residue(s) necessary for the propagation of feature annotation. This observation suggests a unique structural characteristic in CD27, potentially influencing its functional properties within the TNFR superfamily. The absence of these conserved residues underscores the distinct nature of CD27 and emphasizes the need for further investigation to elucidate its specific roles and regulatory mechanisms within cellular processes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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