TREM-1 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P77860
Synonyms:	CD354; TREM-1
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005553111 (T21-P201)
Gene ID:	102129811
Molecular Weight:	45-60 kDa

PROPERTIES

Biological Activity	Immobilized Cynomolgus TREM1, His Tag at 5 μg/mL (100 μl/well) on the plate. Dose response curve for Human PGLYRP1, hFc Tag with the EC_{50} of 1.14 μg/mL determined by ELISA.
Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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	TREM-1 protein, as a cell surface receptor, potentially participates in innate and adaptive immune responses. Following phosphorylation, it interacts with PTPN6 and PTPN11, indicating its role in signaling pathways linked to these phosphatases. This interaction highlights the regulatory mechanisms TREM-1 may contribute to in modulating the immune system.

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