

CLEC5A/MDL-1 Protein, Rhesus Macaque (HEK293, His)

Cat. No.:	HY-P77337
Synonyms:	C-type lectin domain family 5 member A; MDL-1; CLECSF5
Species:	Rhesus Macaque
Source:	HEK293
Accession:	XP_001085243 (P28-K188)
Gene ID:	695425
Molecular Weight:	Approximately 21 kDa..

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/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	CLEC5A Protein is a critical macrophage receptor for dengue virus serotypes 1-4. The binding of CLEC5A Protein to dengue virus triggers signaling through the phosphorylation of TYROBP, and not results in viral entry, but stimulates pro-inflammatory cytokine release ^{[1][2][3]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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