CLEC5A/MDL-1 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P77906
Synonyms:	MDL-1; CLECSF5; MDL1; CLEC5A; DAP12-associating lectin 1
Species:	Mouse
Source:	HEK293
Accession:	Q9R007 (Y26-K190)
Gene ID:	23845
Molecular Weight:	64-68 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	CLEC5A/MDL-1 Protein acts as a positive regulator of osteoclastogenesis and functions as a cell surface receptor that signals via TYROBP. This interaction is vital for CLEC5A cell surface expression. Additionally, the protein plays a role in regulating inflammatory responses. While existing as a monomer or homodimer, the majority of CLEC5A is expressed as a monomeric form on macrophages. It forms a trimolecular complex, CLEC5A/TYROBP/HCST, mainly dependent on TYROBP. The interaction with TYROBP and HCST further underscores the intricate signaling network involved in the functions of CLEC5A in immune and inflammatory processes.

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