

TREML1 Protein, Mouse (HEK293, hFc)

Cat. No.:	HY-P700836
Synonyms:	TLT-1; TREML1; TLT1; Trem-like transcript 1; UNQ1825/PRO3438; dJ238O23.3; GLTL1825; MGC119173; PRO3438
Species:	Mouse
Source:	HEK293
Accession:	AAL85488.1 (D21-Q175)
Gene ID:	71326
Molecular Weight:	50-55 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant 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	TREML1 is a trigger receptor 1 expressed on myeloid cells, and monocytes/macrophages and blood neutrophils are the main effector cells in the innate response to human TREML1. TREML1 activates myeloid cells through the adaptor protein DAP12. TREMs family not only participate in the regulation of microglial phagocytosis and amyloid clearance but also play an indispensable role in the neuroinflammatory response of AD. TREML1 promotes microglial phagocytosis of A β and is associated with the immune response to AD ^{[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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