

SLAMF9 Protein, Mouse (L224P, HEK293, His)

Cat. No.:	HY-P71005
Synonyms:	SLAM family member 9; Slamf9
Species:	Mouse
Source:	HEK293
Accession:	BAB26328.1 (F18-L230, L224P)
Gene ID:	98365
Molecular Weight:	30-80 kDa

PROPERTIES

AA Sequence	<pre> F S G D D E D P E E V V G V L Q E S I N L S L E I P S N E E I K H I D W L F Q N N I A I V K P G K K G Q P A V I M A V D P R Y R G R V S I S E S S Y S L H I S N L T W E D S G L Y N A Q V N L K T S E S H I T K S Y H L R V Y R R L S K P H I T V N S N I S E E G V C N I S L T C S I E R A G M D V T Y I W L S S Q D S T N T S H E G S V L S T S W R P G D K A P S Y T C R V S N P I S N I S S R R I S V G S F C A D P G Y P E K P S M L </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	<p>SLAM family member 9 (Slamf9) is a member of the signaling lymphocytic activation molecule family. Slamf9 is a cell surface molecule that consists of two extracellular immunoglobulin domains, a transmembrane domain and a short cytoplasmic tail that lacks the signal transduction motifs found in other family members. Slam9 is a plasmacytoid dendritic cell (pDC) receptor and is essential for differentiation of pDCs, regulating the function and maintenance of pDCs in health and during inflammation. SLAMF9 is also involved in the initiation of inflammation and clearance of bacterial infection ^{[1][2][3]}.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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