

SLAMF8 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P71319
Synonyms:	SLAM family member 8; B-lymphocyte activator macrophage expressed; CD353; Slamf8; Blame
Species:	Mouse
Source:	HEK293
Accession:	Q9D3G2 (V21-D231)
Gene ID:	74748
Molecular Weight:	32-38 kDa

PROPERTIES

AA Sequence	<p>V Q V L S K V G D S E L L V A E C P P G F Q V R E A I W R S L W P S E E L L A T</p> <p>F F R G S L E T L Y H S R F L G R V Q L Y D N L S L E L G P L K P G D S G N F S</p> <p>V L M V D T G G Q T W T Q T L Y L K V Y D A V P K P E V Q V F T A A A E E T Q P</p> <p>L N T C Q V F L S C W A P N I S D I T Y S W R W E G T V D F N G E V R S H F S N</p> <p>G Q V L S V S L G L G D K D V A F T C I A S N P V S W D M T T V T P W E S C H H</p> <p>E A A S G K A S Y K D</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 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>The SLAMF8 protein emerges as a potential participant in B-lineage commitment, suggesting a role in the developmental processes that guide the differentiation of B-cells. Furthermore, SLAMF8 may be involved in modulating signaling through the B-cell receptor, indicating its influence on crucial cellular pathways associated with B-cell function. The dual potential of SLAMF8 in both B-lineage commitment and the regulation of B-cell receptor signaling underscores its importance in orchestrating key events in B-cell development and immune responses. Further exploration into the specific molecular mechanisms and downstream effects of SLAMF8 in these contexts could provide valuable insights into its functional</p>
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significance and potential implications for B-cell biology.

Caution: Product has not been fully validated for medical applications. For research use only.

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