Recombinant Mouse BLAME/SLAMF8 Protein (Fc Tag)

RPES8460

Product Information

Product SKU:	RPES8460	**Expression Host**:	Mammalian	**Size**:	20µg
Tag:	C-Fc	**Reactivity**:	Mouse	**Accession**:	Q9D3G2

Additional Information

Calculated MW:	48.1 kDa	**Observed MW:**	56 kDa
Sequence:	Val21-Asp231		

Protein Information

Background: The signaling lymphocyte activation molecule (SLAM) family includes homophilic and heterophilic receptors that modulate both adaptive and innate immune responses. These receptors share a common ectodomain organization: a membrane-proximal immunoglobulin constant domain and a membrane-distal immunoglobulin variable domain that is responsible for ligand recognition. SLAM family of receptors is expressed by a wide range of immune cells. Through their cytoplasmic domain , SLAM family receptors associate with SLAM-associated protein (SAP)-related molecules , a group of cytoplasmic adaptors composed almost exclusively of an SRC homology 2 domain. SLAM family receptors , in association with SAP family adaptors , have crucial roles during normal immune reactions in innate and adaptive immune cells.Mouse SLAM family member 8 , also known as B-lymphocyte activator macrophage expressed , BCM-like membrane protein , SLAMF8 and BLAME , is a single-pass type I membrane protein. It contains one Ig-like C2-type (immunoglobulin-like) domain. SLAMF8 / BLAME is expressed in lymph node , spleen , thymus and bone marrow. It may play a role in B-lineage commitment and/or modulation of signaling through the B-cell receptor.

Synonyms: SLAM family member, SBBI, Slamf, B-lymphocyte activator macrophage expressed, CD353, SBBI42, SLAM family member 8, Blame, Slamf8, BLAME, SBBI42

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

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Formulation:	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Purity:	> 90% as determined by reducing SDS-PAGE.
Bio-Activity:	Not validated for activity
Storage:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.

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