



# Recombinant Protein Technical Manual

## Recombinant Mouse SLAMF9 Protein (His Tag)

RPES3028

### Product Data:

**Product SKU:** RPES3028

**Size:** 10µg

**Species:** Mouse

**Expression host:** Human Cells

**Uniprot:** Q9D780

### Protein Information:

**Molecular Mass:** 24.7 kDa

**AP Molecular Mass:** 39 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 95 % as determined by SDS-PAGE

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** SLAM family member 9;Slamf9

## Immunogen Information:

**Sequence:** Phe18-Leu230

## Background:

Mouse SLAM family member 9(Slamf9) is a single-pass type I membrane protein. The SLAMF9 gene encodes a member of the signaling lymphocytic activation molecule family. The encoded protein 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. The slamf9 protein may play a role in the immune response.