

# Recombinant Mouse SLAMF9 Protein (Phe18-Leu230), C-6×His-tagged

## Product Information

---

<b>Cat</b>	<i>IMP-9741</i>
<b>Official Symbol</b>	<i>Slamf9</i>
<b>Product Overview</b>	<i>Recombinant Mouse CD2F-10/SLAMF9 protein (Phe18-Leu230) with a C-terminal 6×His tag was expressed in Mouse myeloma cell line.</i>
<b>Description</b>	<i>This 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. Alternative splicing results in multiple transcript variants.</i>
<b>Expression System</b>	<i>Mouse myeloma cell line</i>
<b>Species</b>	<i>Mouse</i>
<b>Tag</b>	<i>C-6×His</i>
<b>Predicted N Terminal</b>	<i>Phe18</i>
<b>Form</b>	<i>Lyophilized from a 0.2 µm filtered solution in PBS.</i>
<b>Molecular Mass</b>	<i>Predicted Molecular Mass: 24.5 kDa SDS-PAGE: 36-60 kDa, reducing conditions</i>
<b>Protein length</b>	<i>Phe18-Leu230</i>
<b>Bio-activity</b>	<i>Measure by its ability to enhance anti-CD3-induced IFN-gamma secretion of mouse CD3+ T cells. The ED50 for this effect is 0.4-2 µg/mL.</i>
<b>Endotoxin</b>	
<b>Purity</b>	<i>&gt;95%, by SDS-PAGE under reducing conditions and visualized by silver stain.</i>
<b>Storage</b>	<i>Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.</i>
<b>Reconstitution</b>	<i>Reconstitute at 100 µg/mL in PBS.</i>