

Rev03
 Update: Aug,08,2025

DATASHEET

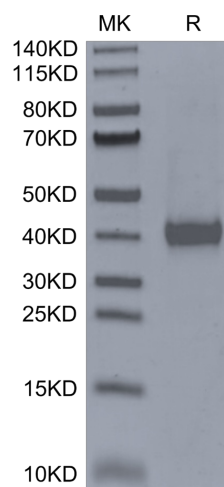
JAML, His, Human

Cat. No.: Z05541

Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #0056b3; color: white; padding: 5px; font-size: 0.8em;"> JAML (Leu20-Leu275)_x000D_ Accession # NP_001091996.1 </div> <div style="background-color: #76b82a; color: white; padding: 5px; font-size: 0.8em;">His</div> </div> <div style="display: flex; justify-content: space-between; font-size: 0.7em; margin-top: 2px;"> N-term C-term </div>
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	30.1 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 38-42 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



JAML, His, Human on Bis-Tris PAGE under reduced condition.
 The purity is greater than 95%.

Background

Target Background : JAML (junctional adhesion molecule-like), contains 2 extracellular immunoglobulin-like domains, a transmembrane segment, and a cytoplasmic tail. JAML mRNA is expressed in hematopoietic tissues and is prominently expressed in granulocytes. The fact that JAML protein is localized at the cell plasma membrane in the areas of cell-cell contacts, whereas it is not detected at free cell borders, suggests that JAML is engaged in homophilic interactions.

Synonyms : JunctioJAML; AMICA1; AMICA; CREA7-1; Gm638; JAML

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