

Rev03
 Update: Aug,08,2025

DATASHEET

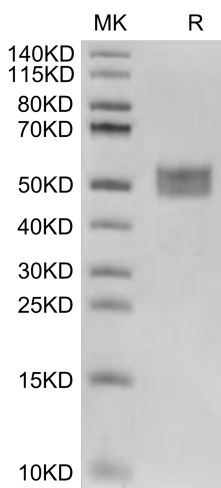
FSTL1, His, Human

Cat. No.: Z05322

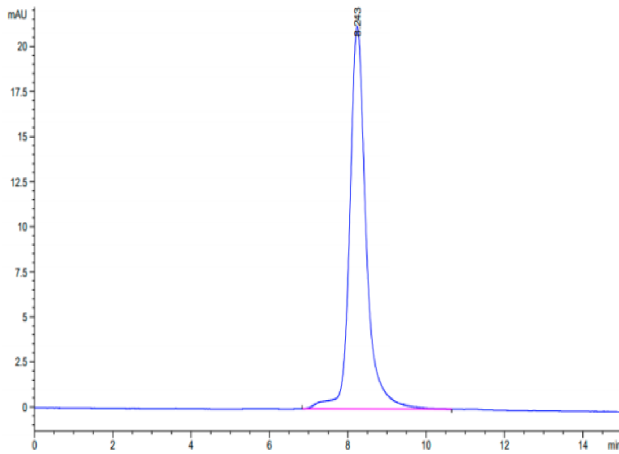
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; margin-right: 10px;"> FSTL1 (Glu21-Ile308) Accession # Q12841-1 </div> <div style="background-color: #76923c; color: white; padding: 5px; margin-left: 10px;"> His </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	33.77 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 48-58 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



FSTL1, His, Human on Bis-Tris PAGE under reduced condition.
 The purity is greater than 95%.



The purity of FSTL1, His, Human is greater than 95% as determined by SEC-HPLC

Background

Target Background : Follistatin-like 1 (FSTL1), a secreted glycoprotein, has been shown to participate in regulating developmental processes and to be involved in states of disease and injury. Recent findings on FSTL1 in both acute coronary syndrome and heart failure emphasize its potential as a target for cardiac regenerative therapy.

Synonyms : Follistatin-related 1; Follistatin-like 1; FRP; FSL1; TSC-36; MIR198

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China