

# Human FCRL1/FCRH1 (His Tag) recombinant protein



Catalog Number: 503203

## General Information

### Gene Name Synonym

Cystatin-4; Cystatin-SA-III; Salivary acidic protein 1

### Protein Construction

A DNA sequence encoding the human FCRL1 (NP\_001890.1) extracellular domain (Met 1-Asn 303) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 98 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ala 17

### Molecular Mass

The secreted recombinant human FCRL1 consists of 298 amino acids and has a calculated molecular mass of 32.6 kDa. It migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4, 1mM EDTA  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

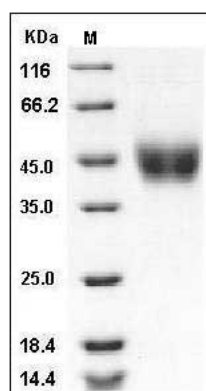
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human FCRL1 / FCRH1 Protein (His Tag) SDS-PAGE