

# Recombinant Human Integrin alpha X beta 2 (ITGAX&ITGB2) Protein

Catalog No.: RP02823 **Recombinant**

## Sequence Information

| Species | Gene ID   | Swiss Prot        |
|---------|-----------|-------------------|
| Human   | 3687□3689 | P20702<br>□P05107 |

### Tags

C-His

### Synonyms

CD11C; SLEB6;CD11C

## Product Information

| Source       | Purification       |
|--------------|--------------------|
| HEK293 Cells | > 90% by SDS-PAGE. |

| Calculated MW                          | Observed MW                                 |
|--|---|
| 125.62 kDa(ITGAX),<br>79.18 kDa(ITGB2) | 125-130<br>kDa(ITGAX), 80-100<br>kDa(ITGB2) |

### Endotoxin

<1EU/μg

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

Recombinant Human Integrin alpha X beta 2 (ITGAX&ITGB2) Protein is produced by HEK293 Cells expression system. The target protein is expressed with sequence (ITGAX (Met1-Pro1107)□ITGB2 (Met1-Asn700)) of human Integrin alpha X beta 2 (Accession #NP\_000878.2□NP\_000202.3) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

#### Storage

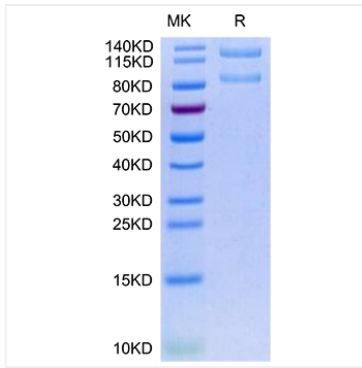
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human Integrin alpha X beta 2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-125 kDa.