

For Research Use Only

# Recombinant Human NTB-A/SLAMF6 protein (His Tag)



Catalog Number: Eg1362

|                   |                   |                            |                 |
|-------------------|-------------------|----------------------------|-----------------|
| Basic Information | Species:<br>Human | Purity:<br>>90 %, SDS-PAGE | Tag:<br>His Tag |
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## Technical Specifications

**Purity:**  
>90 %, SDS-PAGE

**Endotoxin Level:**  
<1.0 EU/ µg protein, LAL method

**Source:**  
HEK293-derived Human NTB-A/SLAMF6 protein Gln22-Met226 (Accession# Q96DU3-1) with a His tag at the C-terminus.

**GeneID:**  
114836

**Accession:**  
Q96DU3-1

**Predicted Molecular Mass:**  
24.2 kDa

**SDS-PAGE:**

**Formulation:**  
Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

## Biological Activity

Not tested

## Storage and Shipping

**Storage:**  
It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

**Shipping:**  
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

## Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

## Background

Signaling lymphocyte activation molecule 6 (SLAMF6) (Ly108 in mice, NTB-A or SF2000 in humans) is a homophilic receptor belonging to the superfamily immunoglobulin (Ig) domain-containing molecules. SLAMF6 is a type I transmembrane protein with two extracellular immunoglobins (Ig)-like domains and three cytoplasmic tyrosine-based signaling motifs, one of which is immunoreceptor tyrosine-based switch motif. SLAMF6 is expressed on a wide variety of immune cells including T cells (also TFH), B cells, NK cells (expressed in humans only), double positive thymocytes, eosinophils, and neutrophils (mouse only).

## References

1. Dragovich, Matthew A et al. PloS one vol. 14,6 (2019): e0218109.
2. Yigit, Burcu et al. Cancer immunology research vol. 7,9 (2019): 1485-1496.
3. Fraser, Christopher C et al. Immunogenetics vol. 53,10-11 (2002): 843-50.

## Synonyms

## Selected Validation Data

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For technical support and original validation data for this product please contact

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