

For Research Use Only

Recombinant Human LILRB2 protein (mFc Tag)



Catalog Number: Eg3879

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: mFc Tag
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Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Human LILRB2 protein Gln22-His458 (Accession# Q8N423-1) with a mouse IgG Fc tag at the C-terminus

GeneID:
10288

Accession:
Q8N423-1

Predicted Molecular Mass:
74.1 kDa

SDS-PAGE:
85-95 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m filtered solution in 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

LILRB2 (Leukocyte immunoglobulin-like receptor subfamily B member 2), also known as ILT4, CD85d, or MIR10, is a type I transmembrane glycoprotein that contains four extracellular immunoglobulin domains, a transmembrane domain, and three cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). LILRB2 is mainly expressed in immunocytes including monocytes, macrophages, and dendritic cells, and transduces negative signals by its association with SHP-1 phosphatase via the ITIMs.

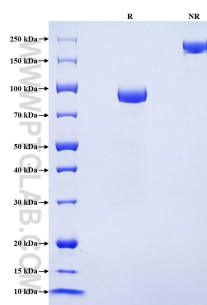
References

1. Mi Deng. et al. (2021). Antib Ther. 4(1):16-33.
2. Peng Zhao. et al.(2022). Mol Neurodegener. 17(1):44.

Synonyms

CD85 antigen-like family member D, CD85d, ILT 4, ILT4, ILT-4

Selected Validation Data



Purity of Recombinant Human LILRB2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

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

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