# Recombinant Human Leukocyte Ig-Like Receptor A3/LILRA3/ILT6/CD85e (C-6His-Avi) Biotinylated

**Catalog No.** PKSH033986

***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

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|---|---|
| **Synonyms** | Leukocyte immunoglobulin-like receptor subfamily A member 3;CD85 antigen-like family member E;Immunoglobulin-like transcript 6;ILT-6;Leukocyte immunoglobulin-like receptor 4;LIR-4 and Monocyte inhibitory receptor HM43/HM31;LILRA3 |
| **Species** | Human |
| **Expression Host** | HEK293 Cells |
| **Sequence** | Gly24-Glu439 |
| **Accession** | AAH28208.1 |
| **Calculated Molecular Weight** | 47.9 kDa |
| **Observed molecular weight** | 70-90 kDa |
| **Tag** | C-His-Avi |
| **Bioactivity** | Not validated for activity |

## Properties

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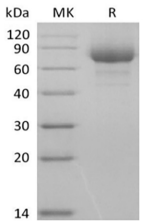
|---|---|
| **Purity** | > 95 % as determined by reducing SDS-PAGE. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method. |
| **Storage** | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months. |
| **Shipping** | This product is provided as lyophilized powder which is shipped with ice packs. |
| **Formulation** | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the printed manual. |
| **Reconstitution** | Please refer to the printed manual for detailed information. |

## Data




> 95 % as determined by reducing SDS-PAGE.



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## Background

Leukocyte immunoglobulin-like receptor subfamily A member 3 is also known as CD85 antigen-like family member E, Immunoglobulin-like transcript 6, ILT-6, Leukocyte immunoglobulin-like receptor 4, LIR-4 and Monocyte inhibitory receptor HM43/HM31. In humans, it is encoded by the LILRA3 gene. It acts as soluble receptor for class I MHC antigens. Binds both classical and non-classical HLA class I molecules but with reduced affinities compared to LILRB1 or LILRB2.It is detected in B-cells, natural killer (NK) cells, peripheral blood monocytes and lung.



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